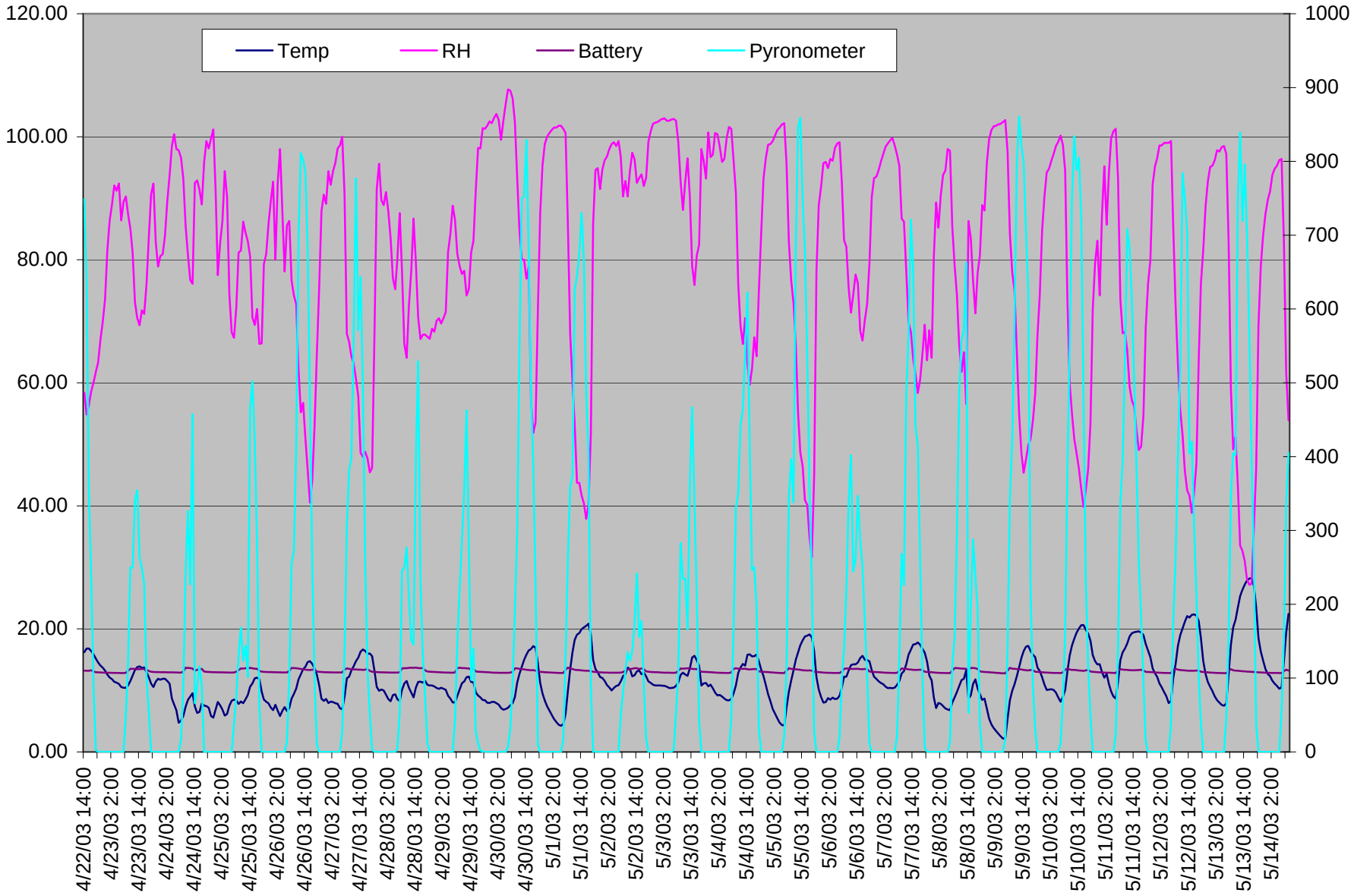
Attachment D

Electronic files of meteorological data at Kilarc and Cow Creek powerhouses

Cow Creek Power House Meteorological station 2003

Julian Date	Site Id #	Julian Day	Time (PST)	Wind Speed	Wind Dir	sigma	Temp °C	RH %	Pyronometer W/m²	Battery Voltage
37733.58	414	112	1400	1.435	205.20	60.13	16.21	58.4	749	13.22
37733.63	414	112	1500	1.701	240.70	46.14	16.80	54.8	635	13.19
37733.67	414	112	1600	1.904	247.20	29.00	16.80	56.4	348	13.20
37733.71	414	112	1700	1.801	236.50	25.05	16.40	58.6	235	13.27
37733.75	414	112	1800	1.762	240.90	21.10	15.85	60.0	88	13.08
37733.79	414	112	1900	1.259	231.30	33.82	15.17	61.8	3	12.96
37733.83	414	112	2000	0.681	226.40	42.56	14.54	63.3	0	12.93
37733.88	414	112	2100	0.419	186.40	88.90	14.04	67.0	0	12.91
37733.92	414	112	2200	0.255	84.30	56.36	13.69	69.9	0	12.89
37733.96	414	112	2300	0.572	339.10	26.49	13.21	73.6	0	12.88
37734.00	414	112	2400	0.174	41.48	10.87	12.57	81.6	0	12.87
37734.04	414	113	100	0.163	42.99	11.58	12.09	86.4	0	12.86
37734.08	414	113	200	0.103	50.44	0.16	11.84	89.0	0	12.85
37734.13	414	113	300	0.283	289.50	76.00	11.39	92.1	0	12.84
37734.17	414	113	400	0.166	219.30	6.09	11.26	91.2	0	12.83
37734.21	414	113	500	0.119	229.20	6.20	11.04	92.4	0	12.83
37734.25	414	113	600	0.949	257.20	15.81	10.55	86.4	0	12.82
37734.29	414	113	700	0.631	267.10	20.68	10.42	89.4	0	12.82
37734.33	414	113	800	1.256	250.40	15.70	10.41	90.3	50	12.85
37734.38	414	113	900	1.750	242.20	21.66	10.80	87.5	119	13.17
37734.42	414	113	1000	1.954	237.70	33.91	11.51	85.1	250	13.51
37734.46	414	113	1100	2.450	248.10	25.68	12.42	81.1	250	13.50
37734.50	414	113	1200	3.307	238.40	24.49	13.31	73.1	342	13.48
37734.54	414	113	1300	2.966	234.40	28.34	13.78	70.5	355	13.44
37734.58	414	113	1400	3.212	238.50	23.81	13.91	69.4	263	13.44
37734.63	414	113	1500	2.750	232.20	33.30	13.65	71.8	250	13.48
37734.67	414	113	1600	2.782	238.20	27.07	13.72	71.2	227	13.47
37734.71	414	113	1700	1.538	225.40	37.50	12.96	76.0	102	13.35
37734.75	414	113	1800	1.696	219.90	54.00	12.13	83.6	56	13.15
37734.79	414	113	1900	1.781	255.80	20.56	11.10	90.7	0	13.03
37734.83	414	113	2000	1.271	275.60	24.93	10.55	92.4	0	13.00
37734.88	414	113	2100	1.057	224.50	53.29	11.41	82.9	0	12.98
37734.92	414	113	2200	1.559	124.70	45.17	11.88	78.9	0	12.97
37734.96	414	113	2300	1.375	139.90	64.09	11.73	80.6	0	12.96
37735.00	414	113	2400	1.394	144.00	66.20	11.88	80.9	0	12.95
37735.04	414	114	100	1.751	179.00	75.40	11.89	83.9	0	12.95
37735.08	414	114	200	2.076	232.50	45.21	11.54	89.5	0	12.94
37735.13	414	114	300	3.002	229.20	29.66	11.10	93.7	0	12.94
37735.17	414	114	400	2.147	259.70	32.45	8.67	98.5	0	12.93
37735.21	414	114	500	0.629	154.50	87.60	7.73	100.4	0	12.92
37735.25	414	114	600	1.790	77.40	20.03	6.75	98.0	0	12.91
37735.29	414	114	700	1.937	82.30	19.84	4.74	97.8	0	12.90
37735.33	414	114	800	1.677	54.16	33.75	5.11	96.6	16	12.89
37735.38	414	114	900	1.238	65.37	34.25	5.83	93.2	87	13.03
37735.42	414	114	1000	0.596	207.80	79.50	7.34	85.5	244	13.69
37735.46	414	114	1100	1.714	87.40	26.50	8.46	80.8	326	13.65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37735.50	414	114	1200	1.355	105.80	38.51	9.00	76.7	227	13.63
37735.54	414	114	1300	1.548	122.50	56.67	9.53	76.1	457	13.55
37735.58	414	114	1400	1.410	261.80	75.50	7.38	92.5	66	13.19
37735.63	414	114	1500	1.847	80.70	52.81	6.33	92.9	88	13.35
37735.67	414	114	1600	2.128	62.35	26.05	6.50	91.4	116	13.39
37735.71	414	114	1700	0.877	48.61	56.00	7.89	89.0	91	13.50
37735.75	414	114	1800	1.038	42.01	71.60	7.52	95.8	0	13.07
37735.79	414	114	1900	0.595	178.50	90.80	7.45	99.3	0	13.01
37735.83	414	114	2000	0.497	111.10	88.40	7.19	98.1	0	12.99
37735.88	414	114	2100	0.615	27.35	45.79	5.85	99.7	0	12.97
37735.92	414	114	2200	0.261	83.40	53.99	5.58	101.2	0	12.96
37735.96	414	114	2300	0.773	82.90	46.49	6.89	91.1	0	12.95
37736.00	414	114	2400	1.035	90.00	42.39	8.11	77.5	0	12.94
37736.04	414	115	100	0.571	101.30	69.28	7.59	82.7	0	12.94
37736.08	414	115	200	0.705	72.20	52.62	6.88	86.3	0	12.93
37736.13	414	115	300	0.486	78.90	55.81	5.90	94.4	0	12.92
37736.17	414	115	400	0.580	70.30	73.80	6.16	90.2	0	12.91
37736.21	414	115	500	1.012	77.50	72.80	7.51	74.4	0	12.90
37736.25	414	115	600	0.734	161.60	95.50	8.31	68.2	0	12.90
37736.29	414	115	700	1.555	191.00	81.20	8.51	67.3	38	12.91
37736.33	414	115	800	1.510	141.30	71.70	8.36	72.2	75	13.03
37736.38	414	115	900	1.839	136.80	64.28	7.80	81.2	131	13.30
37736.42	414	115	1000	2.400	124.00	55.12	8.19	81.5	169	13.56
37736.46	414	115	1100	1.933	169.30	76.20	7.91	86.2	124	13.55
37736.50	414	115	1200	2.236	192.80	78.30	8.56	84.4	144	13.61
37736.54	414	115	1300	2.610	218.00	66.47	9.27	83.0	101	13.54
37736.58	414	115	1400	2.138	201.80	72.00	10.61	80.5	466	13.66
37736.63	414	115	1500	2.246	185.30	82.10	11.14	70.6	502	13.59
37736.67	414	115	1600	2.026	152.60	74.00	11.96	69.4	420	13.52
37736.71	414	115	1700	1.937	180.90	78.30	12.06	72.0	283	13.51
37736.75	414	115	1800	2.415	215.60	66.10	11.83	66.3	63	13.15
37736.79	414	115	1900	1.530	275.90	56.04	9.80	66.4	0	13.06
37736.83	414	115	2000	0.751	65.02	32.72	8.51	79.3	0	13.02
37736.88	414	115	2100	0.510	359.70	70.70	8.16	80.9	0	12.99
37736.92	414	115	2200	0.368	80.60	52.71	7.90	85.8	0	12.98
37736.96	414	115	2300	0.736	73.60	68.86	7.21	89.5	0	12.97
37737.00	414	115	2400	0.638	84.60	20.59	6.80	92.7	0	12.95
37737.04	414	116	100	0.706	93.90	38.06	7.67	80.0	0	12.95
37737.08	414	116	200	0.368	68.61	56.80	6.69	92.5	0	12.94
37737.13	414	116	300	0.361	69.15	36.30	5.83	98.0	0	12.93
37737.17	414	116	400	0.620	296.70	66.04	6.68	88.0	0	12.92
37737.21	414	116	500	1.196	282.30	37.55	7.28	78.1	0	12.92
37737.25	414	116	600	0.717	40.78	66.70	6.66	85.6	13	12.91
37737.29	414	116	700	0.365	85.10	56.58	7.12	86.3	99	13.15
37737.33	414	116	800	1.634	239.50	37.34	8.68	76.6	256	13.64
37737.38	414	116	900	2.169	243.00	39.98	9.42	74.2	272	13.63
37737.42	414	116	1000	1.763	242.10	31.43	10.28	72.8	413	13.61
37737.46	414	116	1100	3.029	240.80	26.27	11.77	62.3	694	13.54
37737.50	414	116	1200	2.289	237.50	37.54	12.61	55.2	811	13.48
37737.54	414	116	1300	2.542	248.30	30.96	13.44	56.7	802	13.42
37737.58	414	116	1400	2.404	255.40	33.64	13.84	51.0	785	13.38
37737.63	414	116	1500	2.178	250.10	36.50	14.60	46.0	682	13.34

37737.67	414	116	1600	2.058	247.20	36.51	14.75	40.5	483	13.32
37737.71	414	116	1700	1.912	254.20	25.76	14.31	44.1	257	13.37
37737.75	414	116	1800	1.025	262.20	25.63	13.56	52.9	98	13.35
37737.79	414	116	1900	0.418	341.90	46.70	12.59	64.6	10	13.07
37737.83	414	116	2000	0.482	38.64	50.63	10.85	75.3	0	13.02
37737.88	414	116	2100	0.274	52.72	57.39	8.65	87.9	0	12.99
37737.92	414	116	2200	0.576	72.60	69.00	8.29	90.6	0	12.96
37737.96	414	116	2300	0.441	74.80	37.24	8.61	89.1	0	12.95
37738.00	414	116	2400	0.509	105.40	84.70	7.94	94.4	0	12.94
37738.04	414	117	100	0.417	92.20	73.40	8.18	92.2	0	12.93
37738.08	414	117	200	0.319	60.25	70.60	8.09	94.4	0	12.92
37738.13	414	117	300	0.386	315.60	96.00	7.91	95.7	0	12.92
37738.17	414	117	400	0.154	170.60	66.66	7.83	98.1	0	12.91
37738.21	414	117	500	0.145	57.82	49.91	7.11	98.6	0	12.91
37738.25	414	117	600	0.124	131.90	80.80	6.91	100.0	27	12.92
37738.29	414	117	700	0.105	196.40	16.87	8.92	90.6	137	13.37
37738.33	414	117	800	0.258	38.95	95.20	11.96	68.0	307	13.58
37738.38	414	117	900	1.372	219.10	35.51	12.24	66.6	383	13.48
37738.42	414	117	1000	1.532	238.90	44.88	13.23	64.3	398	13.44
37738.46	414	117	1100	1.782	264.60	45.50	13.93	63.2	559	13.41
37738.50	414	117	1200	2.381	238.20	36.87	14.76	60.7	777	13.41
37738.54	414	117	1300	2.372	239.80	38.12	15.32	57.8	571	13.38
37738.58	414	117	1400	2.843	236.50	38.33	16.30	48.6	644	13.37
37738.63	414	117	1500	2.953	239.30	36.98	16.64	48.0	496	13.33
37738.67	414	117	1600	2.334	235.80	27.73	16.42	48.8	257	13.38
37738.71	414	117	1700	1.880	217.30	60.22	15.93	47.7	109	13.45
37738.75	414	117	1800	1.431	220.70	55.16	16.00	45.4	53	13.18
37738.79	414	117	1900	1.725	234.40	65.19	15.56	46.2	3	13.03
37738.83	414	117	2000	2.406	235.70	34.77	13.21	67.6	0	13.00
37738.88	414	117	2100	0.734	262.70	42.70	10.56	91.5	0	12.98
37738.92	414	117	2200	0.863	262.50	56.66	9.94	95.6	0	12.95
37738.96	414	117	2300	1.860	91.80	38.41	10.15	89.7	0	12.94
37739.00	414	117	2400	1.549	95.60	46.01	10.00	88.9	0	12.93
37739.04	414	118	100	2.167	92.80	35.14	9.30	91.0	0	12.92
37739.08	414	118	200	2.786	94.30	24.38	8.60	87.9	0	12.91
37739.13	414	118	300	2.853	94.30	31.37	8.23	83.5	0	12.90
37739.17	414	118	400	1.451	105.60	69.12	9.24	77.0	0	12.89
37739.21	414	118	500	0.859	98.30	43.74	9.37	75.2	0	12.89
37739.25	414	118	600	0.630	80.70	60.64	8.56	80.2	5	12.89
37739.29	414	118	700	0.713	252.70	71.70	8.28	87.6	53	12.94
37739.33	414	118	800	1.137	222.20	82.10	10.09	78.1	246	13.59
37739.38	414	118	900	2.451	231.40	48.15	11.11	66.3	250	13.60
37739.42	414	118	1000	1.894	175.80	75.70	11.53	64.1	277	13.61
37739.46	414	118	1100	2.076	138.20	73.80	10.42	72.6	208	13.66
37739.50	414	118	1200	1.862	116.80	47.89	9.63	78.2	152	13.69
37739.54	414	118	1300	1.152	103.20	61.73	8.86	86.7	145	13.67
37739.58	414	118	1400	1.941	106.10	43.66	10.45	79.5	395	13.70
37739.63	414	118	1500	2.974	123.90	47.53	11.38	70.6	529	13.62
37739.67	414	118	1600	2.673	131.30	45.34	11.42	67.1	230	13.61
37739.71	414	118	1700	2.190	120.70	49.74	11.26	67.8	131	13.65
37739.75	414	118	1800	2.313	120.20	44.52	11.55	67.9	75	13.26
37739.79	414	118	1900	2.713	113.80	37.47	10.91	67.5	12	13.07

37739.83	414	118	2000	2.467	115.50	43.28	10.81	67.1	0	13.03
37739.88	414	118	2100	2.428	116.80	40.99	10.80	68.8	0	13.01
37739.92	414	118	2200	1.689	117.10	46.10	10.65	68.3	0	12.99
37739.96	414	118	2300	1.409	120.20	55.39	10.39	70.1	0	12.97
37740.00	414	118	2400	1.474	163.80	64.67	10.26	70.5	0	12.96
37740.04	414	119	100	1.187	143.00	67.93	10.42	69.6	0	12.94
37740.08	414	119	200	1.807	125.70	51.08	10.27	70.5	0	12.92
37740.13	414	119	300	1.995	112.10	47.88	10.10	71.5	0	12.90
37740.17	414	119	400	1.406	112.10	46.18	9.12	81.3	0	12.89
37740.21	414	119	500	1.719	103.00	43.21	8.68	84.2	0	12.88
37740.25	414	119	600	1.761	107.80	45.68	8.03	88.8	0	12.87
37740.29	414	119	700	1.502	110.60	57.02	8.03	86.5	43	12.91
37740.33	414	119	800	1.347	212.90	73.30	9.08	81.0	144	13.60
37740.38	414	119	900	1.637	232.80	55.52	10.14	79.0	220	13.68
37740.42	414	119	1000	1.833	201.20	65.98	11.15	77.7	285	13.63
37740.46	414	119	1100	1.826	193.30	75.50	11.46	78.2	353	13.62
37740.50	414	119	1200	2.106	192.40	67.69	12.14	74.2	463	13.59
37740.54	414	119	1300	1.544	131.70	61.25	12.25	75.2	275	13.57
37740.58	414	119	1400	1.584	183.10	78.60	11.37	81.2	98	13.38
37740.63	414	119	1500	1.485	122.30	82.00	11.32	83.1	140	13.55
37740.67	414	119	1600	1.878	344.30	63.34	9.67	91.3	27	13.08
37740.71	414	119	1700	0.927	294.30	89.60	9.17	98.2	12	13.04
37740.75	414	119	1800	1.627	347.50	41.19	8.87	98.1	2	13.02
37740.79	414	119	1900	0.754	140.50	76.80	8.44	101.4	1	12.99
37740.83	414	119	2000	0.582	108.30	75.20	8.41	101.3	0	12.97
37740.88	414	119	2100	0.388	34.52	77.70	7.99	101.8	0	12.95
37740.92	414	119	2200	0.352	86.10	60.20	7.96	102.5	0	12.93
37740.96	414	119	2300	0.048	14.68	72.40	8.11	102.2	0	12.90
37741.00	414	119	2400	0.361	105.20	63.82	8.13	103.1	0	12.88
37741.04	414	120	100	0.699	41.26	69.71	7.91	103.7	0	12.87
37741.08	414	120	200	0.395	83.00	30.70	7.68	102.7	0	12.86
37741.13	414	120	300	0.900	92.50	33.26	7.13	99.5	0	12.86
37741.17	414	120	400	0.525	56.99	67.93	6.85	102.6	0	12.86
37741.21	414	120	500	0.256	289.00	45.92	6.97	105.3	0	12.86
37741.25	414	120	600	0.276	191.40	73.70	7.16	107.7	6	12.86
37741.29	414	120	700	0.255	198.70	60.05	7.56	107.5	32	12.90
37741.33	414	120	800	0.406	199.90	94.50	7.91	106.3	91	13.02
37741.38	414	120	900	0.532	244.10	40.91	8.90	102.4	191	13.59
37741.42	414	120	1000	0.823	166.20	66.11	11.28	93.3	295	13.59
37741.46	414	120	1100	0.919	211.40	85.80	12.71	84.5	552	13.48
37741.50	414	120	1200	1.403	223.10	56.27	13.84	80.0	750	13.47
37741.54	414	120	1300	1.374	252.10	58.59	14.98	80.0	752	13.42
37741.58	414	120	1400	1.616	207.60	62.67	15.82	76.9	829	13.35
37741.63	414	120	1500	1.817	218.00	37.79	16.51	78.9	674	13.31
37741.67	414	120	1600	1.245	192.30	80.60	16.71	57.3	483	13.28
37741.71	414	120	1700	1.299	254.10	42.83	17.21	51.8	392	13.29
37741.75	414	120	1800	1.175	253.10	26.94	16.95	53.5	227	13.22
37741.79	414	120	1900	0.670	16.71	62.49	14.40	71.6	10	13.05
37741.83	414	120	2000	0.250	62.84	50.19	11.23	87.4	0	13.02
37741.88	414	120	2100	0.135	2.12	88.90	9.51	95.3	0	12.99
37741.92	414	120	2200	0.171	71.00	24.18	8.36	98.8	0	12.96
37741.96	414	120	2300	0.365	69.19	21.26	7.43	100.0	0	12.94

37742.00	414	120	2400	0.425	62.52	36.48	6.73	100.6	0	12.92
37742.04	414	121	100	0.372	72.60	24.40	6.02	101.1	0	12.90
37742.08	414	121	200	0.431	68.23	24.54	5.35	101.5	0	12.88
37742.13	414	121	300	0.342	67.89	42.72	4.86	101.5	0	12.86
37742.17	414	121	400	0.320	60.68	38.54	4.43	101.8	0	12.84
37742.21	414	121	500	0.604	46.74	66.21	4.25	101.8	0	12.83
37742.25	414	121	600	0.400	75.60	75.20	4.48	101.3	16	12.83
37742.29	414	121	700	0.159	168.60	77.20	6.16	100.6	127	13.34
37742.33	414	121	800	0.477	191.00	73.60	9.89	85.8	261	13.71
37742.38	414	121	900	0.517	233.90	69.47	13.41	68.0	360	13.56
37742.42	414	121	1000	0.469	220.00	74.10	16.20	60.1	374	13.46
37742.46	414	121	1100	1.271	227.70	36.80	18.20	53.4	626	13.35
37742.50	414	121	1200	1.785	233.10	30.54	19.05	43.8	644	13.31
37742.54	414	121	1300	2.039	240.50	30.10	19.32	43.7	675	13.29
37742.58	414	121	1400	2.071	252.70	31.49	19.94	41.7	730	13.25
37742.63	414	121	1500	2.106	247.80	31.75	20.25	40.4	665	13.22
37742.67	414	121	1600	1.677	256.70	35.24	20.50	37.9	485	13.20
37742.71	414	121	1700	1.359	259.60	37.27	20.84	40.2	403	13.20
37742.75	414	121	1800	1.305	248.00	89.30	19.12	51.6	90	13.13
37742.79	414	121	1900	0.480	261.30	77.90	14.95	85.9	1	13.03
37742.83	414	121	2000	0.258	245.60	39.64	13.47	94.6	0	13.00
37742.88	414	121	2100	0.350	342.90	88.90	12.96	94.9	0	12.97
37742.92	414	121	2200	0.366	81.10	40.48	12.18	91.5	0	12.94
37742.96	414	121	2300	0.291	72.00	71.60	12.00	94.7	0	12.92
37743.00	414	121	2400	0.286	79.10	67.46	11.54	96.2	0	12.90
37743.04	414	122	100	0.351	83.50	19.36	10.86	96.8	0	12.89
37743.08	414	122	200	0.170	78.10	13.03	10.46	98.0	0	12.88
37743.13	414	122	300	0.251	60.80	37.30	9.99	98.8	0	12.87
37743.17	414	122	400	0.195	79.70	25.56	10.41	99.1	0	12.87
37743.21	414	122	500	0.180	77.60	35.71	10.73	98.5	0	12.87
37743.25	414	122	600	0.137	95.60	36.38	10.84	99.3	0	12.87
37743.29	414	122	700	0.702	96.30	77.90	11.46	96.8	49	12.90
37743.33	414	122	800	0.831	262.70	86.10	12.30	90.3	82	12.97
37743.38	414	122	900	0.585	91.40	72.40	12.65	92.8	109	13.22
37743.42	414	122	1000	0.620	279.10	80.60	13.70	90.3	135	13.43
37743.46	414	122	1100	1.157	238.40	24.36	13.47	94.5	124	13.43
37743.50	414	122	1200	1.390	246.00	22.46	12.29	97.4	136	13.52
37743.54	414	122	1300	1.173	241.50	34.28	12.46	96.3	173	13.61
37743.58	414	122	1400	0.738	313.90	68.54	13.10	92.5	242	13.61
37743.63	414	122	1500	1.083	300.40	35.57	13.24	93.3	156	13.47
37743.67	414	122	1600	1.403	256.30	31.79	12.63	93.9	177	13.56
37743.71	414	122	1700	0.768	212.10	97.50	12.90	92.0	90	13.45
37743.75	414	122	1800	0.441	252.70	60.84	12.29	93.3	19	13.09
37743.79	414	122	1900	0.394	16.36	58.22	11.45	99.2	0	13.03
37743.83	414	122	2000	0.362	136.70	91.00	11.21	100.9	0	13.00
37743.88	414	122	2100	0.253	198.00	44.36	10.92	102.1	0	12.98
37743.92	414	122	2200	0.069	216.60	19.62	10.81	102.3	0	12.96
37743.96	414	122	2300	0.037	183.70	2.14	10.81	102.4	0	12.95
37744.00	414	122	2400	0.356	295.00	78.60	10.80	102.7	0	12.92
37744.04	414	123	100	0.134	138.00	89.90	10.76	102.9	0	12.90
37744.08	414	123	200	0.062	208.40	47.51	10.74	103.0	0	12.88
37744.13	414	123	300	0.157	111.90	62.66	10.61	102.6	0	12.87

37744.17	414	123	400	0.127	245.30	72.40	10.38	102.6	0	12.87
37744.21	414	123	500	0.214	293.00	92.80	10.38	102.8	0	12.86
37744.25	414	123	600	0.109	243.60	24.83	10.45	102.9	3	12.86
37744.29	414	123	700	0.256	131.20	55.20	10.73	102.6	52	12.87
37744.33	414	123	800	0.526	251.50	36.19	11.31	99.1	109	13.17
37744.38	414	123	900	0.841	218.20	40.55	12.53	92.7	283	13.56
37744.42	414	123	1000	1.123	251.80	25.37	12.88	88.1	235	13.52
37744.46	414	123	1100	1.399	251.10	25.37	12.59	92.7	234	13.56
37744.50	414	123	1200	1.053	252.00	34.20	12.37	96.5	166	13.59
37744.54	414	123	1300	1.471	247.10	53.48	13.59	90.2	364	13.58
37744.58	414	123	1400	1.638	218.60	64.58	15.35	79.0	467	13.49
37744.63	414	123	1500	2.603	232.40	35.21	15.62	75.9	338	13.47
37744.67	414	123	1600	2.009	231.10	57.50	14.91	80.7	209	13.46
37744.71	414	123	1700	2.361	253.40	27.40	14.01	82.4	43	13.25
37744.75	414	123	1800	1.505	61.35	65.53	10.79	98.0	0	13.04
37744.79	414	123	1900	1.239	69.14	32.92	11.13	96.0	0	13.01
37744.83	414	123	2000	1.319	25.37	53.78	11.20	93.2	0	12.99
37744.88	414	123	2100	0.589	78.60	65.37	10.66	100.7	0	12.97
37744.92	414	123	2200	0.820	358.70	55.65	10.95	96.7	0	12.95
37744.96	414	123	2300	0.521	18.07	54.96	10.34	97.1	0	12.93
37745.00	414	123	2400	0.628	54.82	56.18	9.64	100.6	0	12.90
37745.04	414	124	100	0.775	46.60	75.10	9.19	100.4	0	12.88
37745.08	414	124	200	0.839	78.40	30.85	9.26	98.4	0	12.86
37745.13	414	124	300	0.726	44.59	58.08	9.01	95.9	0	12.85
37745.17	414	124	400	0.548	69.07	60.92	8.68	96.4	0	12.84
37745.21	414	124	500	0.395	79.20	25.54	8.42	99.8	0	12.84
37745.25	414	124	600	0.233	84.50	28.34	8.37	101.6	0	12.84
37745.29	414	124	700	0.321	96.20	74.00	8.61	101.3	47	12.91
37745.33	414	124	800	0.781	167.00	78.30	9.51	96.1	168	13.49
37745.38	414	124	900	0.877	209.40	34.63	10.83	90.8	331	13.60
37745.42	414	124	1000	2.747	244.00	28.36	12.84	76.1	350	13.53
37745.46	414	124	1100	2.312	222.60	46.13	13.71	69.2	442	13.52
37745.50	414	124	1200	2.907	237.50	27.03	14.29	66.3	465	13.49
37745.54	414	124	1300	1.800	217.50	55.42	14.02	70.5	539	13.52
37745.58	414	124	1400	1.867	177.70	71.20	15.79	62.9	623	13.43
37745.63	414	124	1500	1.757	227.90	47.29	15.86	59.7	411	13.41
37745.67	414	124	1600	1.940	241.70	32.70	15.52	62.4	246	13.44
37745.71	414	124	1700	0.908	198.50	77.30	15.57	67.4	250	13.46
37745.75	414	124	1800	1.715	248.30	27.50	15.81	64.3	198	13.46
37745.79	414	124	1900	0.585	299.00	40.86	14.71	74.9	31	13.09
37745.83	414	124	2000	0.545	326.90	76.60	13.39	84.3	0	13.03
37745.88	414	124	2100	0.436	72.90	22.95	12.33	93.2	0	13.01
37745.92	414	124	2200	0.558	77.60	18.97	10.88	96.5	0	12.99
37745.96	414	124	2300	0.372	69.30	15.73	9.39	98.7	0	12.97
37746.00	414	124	2400	0.345	64.10	31.84	8.24	98.8	0	12.94
37746.04	414	125	100	0.276	61.44	36.98	6.98	99.3	0	12.91
37746.08	414	125	200	0.272	61.46	58.71	6.21	100.2	0	12.88
37746.13	414	125	300	0.329	70.40	20.71	5.46	101.1	0	12.85
37746.17	414	125	400	0.246	75.70	1.64	4.75	101.5	0	12.83
37746.21	414	125	500	0.258	68.58	23.72	4.37	102.0	0	12.81
37746.25	414	125	600	0.229	62.76	35.94	4.28	102.2	22	12.81
37746.29	414	125	700	0.168	155.50	80.80	7.25	95.5	118	13.22

37746.33	414	125	800	0.450	231.30	42.29	9.81	82.8	346	13.61
37746.38	414	125	900	1.077	215.50	40.05	11.61	76.6	396	13.49
37746.42	414	125	1000	1.365	224.70	43.67	13.25	73.0	338	13.47
37746.46	414	125	1100	1.593	219.00	35.74	14.99	66.2	686	13.43
37746.50	414	125	1200	1.525	235.10	50.28	16.19	55.0	847	13.40
37746.54	414	125	1300	1.279	230.60	71.10	17.34	48.7	859	13.35
37746.58	414	125	1400	1.566	254.90	61.24	18.14	46.5	751	13.28
37746.63	414	125	1500	1.558	247.50	48.25	18.76	40.9	678	13.25
37746.67	414	125	1600	2.080	241.70	28.73	18.90	40.2	535	13.23
37746.71	414	125	1700	1.681	237.70	38.20	19.10	34.8	353	13.26
37746.75	414	125	1800	1.919	251.90	25.03	18.61	31.7	231	13.21
37746.79	414	125	1900	1.119	304.00	56.60	16.36	44.9	27	13.04
37746.83	414	125	2000	0.590	67.06	28.78	12.15	78.2	0	13.00
37746.88	414	125	2100	0.154	62.34	67.90	10.14	88.9	0	12.97
37746.92	414	125	2200	0.405	69.53	60.21	8.93	91.9	0	12.93
37746.96	414	125	2300	0.391	63.44	26.35	8.02	95.7	0	12.90
37747.00	414	125	2400	0.482	73.30	28.40	8.09	95.9	0	12.88
37747.04	414	126	100	0.365	57.28	57.42	8.74	94.9	0	12.86
37747.08	414	126	200	0.400	76.00	27.84	8.49	96.4	0	12.85
37747.13	414	126	300	0.148	79.30	14.20	8.82	96.1	0	12.84
37747.17	414	126	400	0.158	82.80	24.62	8.59	98.2	0	12.84
37747.21	414	126	500	0.182	99.80	66.92	8.65	98.9	0	12.84
37747.25	414	126	600	0.072	88.90	76.00	9.12	99.1	20	12.84
37747.29	414	126	700	0.079	217.50	48.51	10.46	92.5	100	13.06
37747.33	414	126	800	0.481	234.50	23.24	12.22	83.2	139	13.48
37747.38	414	126	900	1.277	233.70	16.18	12.22	82.1	219	13.56
37747.42	414	126	1000	1.958	229.10	21.21	13.23	75.4	340	13.55
37747.46	414	126	1100	1.965	225.00	24.18	14.11	71.4	402	13.48
37747.50	414	126	1200	1.235	225.70	29.18	14.23	74.4	244	13.49
37747.54	414	126	1300	1.597	228.40	23.49	14.24	77.6	261	13.50
37747.58	414	126	1400	1.210	223.00	49.35	14.54	76.2	347	13.50
37747.63	414	126	1500	1.109	219.50	40.85	15.24	68.4	288	13.45
37747.67	414	126	1600	0.519	109.10	101.00	15.63	66.9	251	13.45
37747.71	414	126	1700	1.173	83.60	33.35	14.98	70.2	177	13.47
37747.75	414	126	1800	0.663	293.40	54.25	14.94	72.8	105	13.48
37747.79	414	126	1900	0.150	45.71	47.84	14.73	79.4	11	13.06
37747.83	414	126	2000	0.524	28.97	73.80	13.28	90.2	0	13.03
37747.88	414	126	2100	0.498	11.46	78.80	12.22	93.3	0	13.00
37747.92	414	126	2200	0.421	58.09	79.60	11.87	93.5	0	12.98
37747.96	414	126	2300	0.365	30.32	60.93	11.47	94.6	0	12.95
37748.00	414	126	2400	0.231	86.90	13.17	11.20	96.0	0	12.93
37748.04	414	127	100	0.098	123.00	39.40	11.00	97.2	0	12.90
37748.08	414	127	200	0.100	96.10	24.31	10.61	98.4	0	12.88
37748.13	414	127	300	0.131	84.30	14.36	10.37	98.9	0	12.86
37748.17	414	127	400	0.106	200.10	70.60	10.40	99.4	0	12.85
37748.21	414	127	500	0.211	87.00	63.49	10.34	99.8	0	12.84
37748.25	414	127	600	0.208	94.60	52.05	10.44	98.6	0	12.84
37748.29	414	127	700	0.107	245.50	50.14	10.88	97.1	21	12.85
37748.33	414	127	800	0.355	219.50	24.02	11.51	95.3	125	13.17
37748.38	414	127	900	0.596	233.50	47.95	12.73	86.7	268	13.56
37748.42	414	127	1000	1.456	262.50	27.82	13.13	86.2	226	13.50
37748.46	414	127	1100	1.648	244.40	33.01	14.24	78.2	484	13.50

37748.50	414	127	1200	1.379	259.40	61.91	15.82	69.8	565	13.42
37748.54	414	127	1300	2.237	234.40	34.10	16.60	68.3	721	13.39
37748.58	414	127	1400	2.510	233.10	34.46	17.46	63.9	653	13.34
37748.63	414	127	1500	2.558	229.70	37.61	17.51	61.4	440	13.33
37748.67	414	127	1600	2.842	233.40	36.09	17.80	58.3	416	13.34
37748.71	414	127	1700	2.899	238.50	28.60	17.42	60.5	265	13.37
37748.75	414	127	1800	2.238	234.40	30.68	16.76	64.6	104	13.31
37748.79	414	127	1900	2.457	238.60	27.80	16.14	69.5	6	13.03
37748.83	414	127	2000	2.209	239.30	35.47	14.71	63.7	0	12.99
37748.88	414	127	2100	1.285	105.50	49.60	12.40	68.6	0	12.97
37748.92	414	127	2200	0.806	89.70	71.10	11.63	64.1	0	12.95
37748.96	414	127	2300	0.584	41.56	67.10	8.83	80.6	0	12.92
37749.00	414	127	2400	0.542	67.22	34.42	7.12	89.3	0	12.88
37749.04	414	128	100	0.541	83.30	57.89	7.96	85.2	0	12.86
37749.08	414	128	200	0.826	73.80	49.09	7.83	90.5	0	12.84
37749.13	414	128	300	0.814	78.30	58.58	7.44	93.8	0	12.83
37749.17	414	128	400	1.072	49.13	60.40	7.08	94.5	0	12.82
37749.21	414	128	500	0.326	117.80	85.10	6.89	98.0	0	12.82
37749.25	414	128	600	0.372	354.90	84.00	6.77	97.7	14	12.82
37749.29	414	128	700	0.639	51.02	35.11	8.04	85.3	116	13.23
37749.33	414	128	800	1.062	191.00	79.00	8.86	79.1	156	13.63
37749.38	414	128	900	1.506	179.40	70.10	9.74	74.3	295	13.63
37749.42	414	128	1000	1.694	210.00	55.01	10.73	66.0	488	13.58
37749.46	414	128	1100	1.593	225.60	58.60	11.67	61.8	558	13.54
37749.50	414	128	1200	2.607	243.10	26.84	11.88	65.0	571	13.53
37749.54	414	128	1300	2.019	263.70	55.95	13.26	56.6	663	13.50
37749.58	414	128	1400	2.024	49.70	61.32	8.63	86.3	53	13.20
37749.63	414	128	1500	1.437	77.60	35.34	9.20	83.5	194	13.65
37749.67	414	128	1600	0.843	207.70	62.55	11.05	76.6	288	13.65
37749.71	414	128	1700	1.524	238.90	26.80	11.80	71.3	237	13.60
37749.75	414	128	1800	2.274	251.50	22.93	10.33	77.8	194	13.48
37749.79	414	128	1900	0.594	292.90	96.70	9.41	80.7	38	13.09
37749.83	414	128	2000	0.509	55.69	49.68	8.46	88.9	0	13.03
37749.88	414	128	2100	0.817	80.90	41.29	8.68	88.0	0	13.00
37749.92	414	128	2200	0.425	9.55	90.90	7.08	95.7	0	12.98
37749.96	414	128	2300	0.313	60.93	44.42	5.42	99.6	0	12.96
37750.00	414	128	2400	0.345	78.50	74.90	4.46	101.1	0	12.92
37750.04	414	129	100	0.244	22.44	84.70	3.86	101.7	0	12.89
37750.08	414	129	200	0.196	80.40	26.65	3.40	101.8	0	12.86
37750.13	414	129	300	0.149	62.05	29.82	2.96	102.0	0	12.83
37750.17	414	129	400	0.268	73.50	9.09	2.53	102.1	0	12.80
37750.21	414	129	500	0.229	61.09	37.83	2.18	102.4	0	12.78
37750.25	414	129	600	0.155	65.70	62.91	2.17	102.7	18	12.78
37750.29	414	129	700	0.144	172.40	60.66	5.43	97.5	142	13.22
37750.33	414	129	800	0.667	202.40	30.84	8.40	84.2	344	13.66
37750.38	414	129	900	1.132	231.50	68.91	9.94	78.0	421	13.52
37750.42	414	129	1000	1.328	231.90	66.51	10.98	75.0	584	13.50
37750.46	414	129	1100	1.611	239.80	46.58	12.30	65.2	798	13.47
37750.50	414	129	1200	1.241	233.60	76.90	13.76	54.8	861	13.45
37750.54	414	129	1300	1.439	230.30	59.04	15.31	48.5	821	13.40
37750.58	414	129	1400	1.622	246.30	58.54	16.37	45.4	800	13.34
37750.63	414	129	1500	1.726	245.90	48.00	17.11	47.5	707	13.28

37750.67	414	129	1600	2.435	251.50	28.47	17.25	49.9	623	13.26
37750.71	414	129	1700	1.756	257.20	29.13	16.41	50.8	221	13.32
37750.75	414	129	1800	1.139	253.00	24.36	15.82	53.8	91	13.30
37750.79	414	129	1900	0.600	285.40	83.80	15.42	58.1	31	13.04
37750.83	414	129	2000	1.572	32.08	36.60	13.68	67.8	0	13.01
37750.88	414	129	2100	0.490	52.60	80.20	13.15	74.3	0	12.98
37750.92	414	129	2200	0.270	41.65	89.00	12.15	84.7	0	12.95
37750.96	414	129	2300	0.176	57.65	53.57	10.97	90.2	0	12.92
37751.00	414	129	2400	0.118	234.80	27.95	10.07	94.2	0	12.89
37751.04	414	130	100	0.201	84.90	63.33	10.14	94.8	0	12.87
37751.08	414	130	200	0.293	80.80	83.10	10.19	96.1	0	12.85
37751.13	414	130	300	0.179	199.80	63.57	10.07	97.2	0	12.84
37751.17	414	130	400	0.247	105.90	88.60	9.63	98.5	0	12.83
37751.21	414	130	500	0.185	74.60	51.59	8.84	99.2	0	12.83
37751.25	414	130	600	0.348	90.40	72.50	8.16	100.2	12	12.82
37751.29	414	130	700	0.230	240.50	51.87	8.94	98.7	68	12.92
37751.33	414	130	800	0.375	216.90	40.92	10.07	94.4	160	13.38
37751.38	414	130	900	0.552	241.00	46.60	13.03	73.7	382	13.52
37751.42	414	130	1000	0.799	179.00	83.90	15.66	60.0	547	13.40
37751.46	414	130	1100	1.481	208.80	53.64	17.31	55.0	750	13.33
37751.50	414	130	1200	1.561	252.70	55.78	18.40	50.8	834	13.33
37751.54	414	130	1300	1.801	244.90	43.52	19.40	48.5	788	13.29
37751.58	414	130	1400	2.180	236.00	39.73	20.04	46.0	805	13.24
37751.63	414	130	1500	2.031	241.10	38.46	20.59	42.8	726	13.21
37751.67	414	130	1600	1.717	258.60	30.34	20.61	39.8	479	13.18
37751.71	414	130	1700	1.808	241.50	29.61	19.85	42.6	229	13.25
37751.75	414	130	1800	1.572	242.80	27.18	19.25	45.9	115	13.32
37751.79	414	130	1900	1.054	289.10	58.56	18.10	53.4	50	13.07
37751.83	414	130	2000	0.649	65.91	30.06	15.74	72.0	0	13.01
37751.88	414	130	2100	0.301	350.60	74.00	14.75	79.4	0	12.99
37751.92	414	130	2200	0.646	235.90	99.30	14.22	83.1	0	12.96
37751.96	414	130	2300	1.370	13.01	65.55	14.25	74.2	0	12.94
37752.00	414	130	2400	0.542	45.42	72.20	12.97	87.3	0	12.92
37752.04	414	131	100	0.667	255.00	57.78	12.07	95.2	0	12.90
37752.08	414	131	200	1.082	66.75	68.71	12.68	85.7	0	12.88
37752.13	414	131	300	0.399	342.10	76.50	11.05	94.1	0	12.87
37752.17	414	131	400	0.265	86.10	62.58	9.84	99.7	0	12.85
37752.21	414	131	500	0.225	73.00	47.20	9.00	100.9	0	12.84
37752.25	414	131	600	0.284	75.20	63.31	8.68	101.3	23	12.84
37752.29	414	131	700	0.171	137.40	57.99	11.37	93.2	140	13.22
37752.33	414	131	800	0.598	198.50	30.50	14.92	73.6	337	13.47
37752.38	414	131	900	1.716	243.60	28.90	16.19	68.1	393	13.37
37752.42	414	131	1000	2.164	247.70	30.20	16.81	68.3	531	13.35
37752.46	414	131	1100	2.011	232.10	30.16	17.63	65.2	708	13.34
37752.50	414	131	1200	2.288	245.90	30.28	18.76	59.4	682	13.30
37752.54	414	131	1300	2.367	241.90	27.84	19.29	57.1	612	13.28
37752.58	414	131	1400	2.651	246.70	22.97	19.46	56.2	502	13.28
37752.63	414	131	1500	2.119	235.70	26.23	19.54	52.3	386	13.29
37752.67	414	131	1600	1.818	235.80	28.59	19.59	49.1	256	13.31
37752.71	414	131	1700	1.403	246.10	32.11	19.42	49.6	184	13.35
37752.75	414	131	1800	0.930	268.20	25.69	18.99	54.7	94	13.22
37752.79	414	131	1900	0.966	345.00	78.30	17.53	69.0	14	13.02

37752.83	414	131	2000	0.775	342.90	53.99	16.47	76.1	0	13.00
37752.88	414	131	2100	0.632	56.48	56.59	15.40	79.9	0	12.97
37752.92	414	131	2200	0.428	63.96	30.57	13.56	92.3	0	12.95
37752.96	414	131	2300	0.356	75.30	41.88	12.78	95.2	0	12.92
37753.00	414	131	2400	0.424	62.94	37.24	12.20	96.5	0	12.90
37753.04	414	132	100	0.368	72.90	39.15	11.11	98.6	0	12.88
37753.08	414	132	200	0.172	81.90	20.42	10.49	98.6	0	12.86
37753.13	414	132	300	0.263	68.84	25.87	9.73	99.0	0	12.84
37753.17	414	132	400	0.277	65.19	38.00	9.03	99.0	0	12.83
37753.21	414	132	500	0.352	63.96	22.78	7.94	99.0	0	12.82
37753.25	414	132	600	0.288	76.00	11.54	8.26	99.3	39	12.84
37753.29	414	132	700	0.249	211.50	34.27	12.08	84.8	179	13.33
37753.33	414	132	800	0.405	214.50	31.73	14.32	72.4	262	13.51
37753.38	414	132	900	0.771	218.00	42.02	17.26	62.9	404	13.38
37753.42	414	132	1000	1.390	227.50	39.27	18.97	55.6	522	13.32
37753.46	414	132	1100	1.781	221.80	36.14	20.07	51.6	784	13.28
37753.50	414	132	1200	1.644	216.70	46.59	21.18	45.7	749	13.25
37753.54	414	132	1300	1.405	268.90	55.56	22.08	42.5	705	13.21
37753.58	414	132	1400	1.304	262.10	40.92	21.85	41.6	404	13.20
37753.63	414	132	1500	0.916	205.60	35.65	22.27	38.9	420	13.20
37753.67	414	132	1600	0.973	226.70	26.75	22.35	42.1	305	13.19
37753.71	414	132	1700	0.535	230.40	26.83	22.17	46.9	213	13.23
37753.75	414	132	1800	0.220	323.00	89.70	21.27	63.7	103	13.20
37753.79	414	132	1900	0.271	91.10	24.00	18.52	76.1	39	13.03
37753.83	414	132	2000	0.288	55.66	56.33	14.82	81.5	0	13.00
37753.88	414	132	2100	0.258	66.90	32.02	12.69	88.6	0	12.96
37753.92	414	132	2200	0.535	71.90	12.37	11.37	92.7	0	12.93
37753.96	414	132	2300	0.419	67.41	13.72	10.59	95.1	0	12.90
37754.00	414	132	2400	0.392	68.66	9.34	9.87	95.3	0	12.88
37754.04	414	133	100	0.469	69.81	12.27	9.03	96.2	0	12.85
37754.08	414	133	200	0.447	72.10	11.33	8.42	97.8	0	12.84
37754.13	414	133	300	0.386	72.00	15.46	8.01	97.6	0	12.82
37754.17	414	133	400	0.351	71.20	11.33	7.65	98.3	0	12.81
37754.21	414	133	500	0.422	74.90	13.60	7.51	98.5	0	12.80
37754.25	414	133	600	0.365	67.15	10.75	7.86	97.2	46	12.80
37754.29	414	133	700	0.148	129.70	57.71	12.55	83.2	154	13.18
37754.33	414	133	800	0.345	225.90	39.30	17.46	58.9	350	13.44
37754.38	414	133	900	0.412	231.50	53.62	20.27	49.2	404	13.28
37754.42	414	133	1000	0.820	226.40	28.67	21.47	51.2	402	13.22
37754.46	414	133	1100	0.791	222.00	54.36	23.46	43.3	747	13.19
37754.50	414	133	1200	1.142	221.50	51.59	25.33	33.5	839	13.15
37754.54	414	133	1300	0.948	288.80	73.40	26.36	32.7	719	13.12
37754.58	414	133	1400	1.146	245.60	55.88	27.21	31.0	796	13.09
37754.63	414	133	1500	1.440	252.90	46.62	27.84	28.1	703	13.05
37754.67	414	133	1600	1.175	262.40	38.75	28.18	27.2	570	13.03
37754.71	414	133	1700	0.811	265.50	40.14	28.25	27.3	397	13.02
37754.75	414	133	1800	0.929	311.30	25.49	27.00	36.2	259	13.00
37754.79	414	133	1900	0.932	355.40	70.50	23.46	46.1	37	12.96
37754.83	414	133	2000	0.554	64.31	29.11	18.46	69.4	0	12.94
37754.88	414	133	2100	0.317	74.90	19.76	16.32	79.0	0	12.91
37754.92	414	133	2200	0.296	67.93	36.94	14.85	84.0	0	12.89
37754.96	414	133	2300	0.602	63.45	21.80	13.49	87.4	0	12.87

37755.00	414	133	2400	0.621	64.10	18.73	12.67	89.7	0	12.85
37755.04	414	134	100	0.556	68.87	18.33	12.32	91.1	0	12.84
37755.08	414	134	200	0.510	67.95	12.45	11.58	93.8	0	12.83
37755.13	414	134	300	0.528	68.89	12.71	11.10	94.8	0	12.83
37755.17	414	134	400	0.508	72.00	13.95	10.72	95.3	0	12.83
37755.21	414	134	500	0.527	70.20	16.91	10.27	96.2	0	12.82
37755.25	414	134	600	0.443	70.60	17.03	10.47	96.4	55	12.82
37755.29	414	134	700	0.199	159.90	66.63	14.71	83.0	153	13.13
37755.33	414	134	800	0.293	139.20	88.30	19.40	61.7	335	13.37
37755.38	414	134	900	1.060	229.80	66.97	22.44	53.9	405	13.24
37755.42	414	134	1000	2.089	245.00	30.70	22.76	58.8	529	13.21
37755.46	414	134	1100	1.492	225.40	45.02	23.60	55.2	773	13.18
37755.50	414	134	1200	1.530	230.30	30.70	25.15	47.2	829	13.16
37755.54	414	134	1300	1.413	225.20	33.01	26.24	43.3	862	13.12
37755.58	414	134	1400	1.871	233.80	34.38	26.96	39.8	797	13.09
37755.63	414	134	1500	1.220	219.10	62.63	27.94	30.7	700	13.05
37755.67	414	134	1600	1.220	218.40	62.02	29.02	25.4	564	13.03
37755.71	414	134	1700	1.204	242.80	44.09	28.92	25.6	388	13.01
37755.75	414	134	1800	1.484	263.80	25.38	27.66	28.0	251	13.00
37755.79	414	134	1900	1.113	328.40	63.79	24.48	44.7	34	12.96
37755.83	414	134	2000	1.163	71.10	17.54	20.22	66.6	0	12.93
37755.88	414	134	2100	0.907	69.58	36.49	18.01	72.7	0	12.91
37755.92	414	134	2200	1.232	73.90	47.73	17.28	72.1	0	12.89
37755.96	414	134	2300	1.097	69.56	22.88	15.68	76.9	0	12.87
37756.00	414	134	2400	0.938	61.95	44.65	14.34	77.0	0	12.85
37756.04	414	135	100	0.738	70.80	38.44	14.27	77.2	0	12.84
37756.08	414	135	200	0.689	73.90	20.52	14.14	82.5	0	12.84
37756.13	414	135	300	0.450	115.10	80.30	14.87	87.0	0	12.84
37756.17	414	135	400	0.546	259.20	98.30	14.79	89.3	0	12.84
37756.21	414	135	500	0.942	216.00	40.55	14.17	88.1	0	12.84
37756.25	414	135	600	0.912	268.30	50.35	13.34	86.7	0	12.84
37756.29	414	135	700	1.136	268.90	32.43	12.47	87.3	36	12.84
37756.33	414	135	800	1.039	230.30	22.93	12.22	88.6	92	12.99
37756.38	414	135	900	0.849	245.90	49.62	12.76	86.5	137	13.35
37756.42	414	135	1000	0.725	227.30	62.59	13.61	83.6	206	13.46
37756.46	414	135	1100	0.920	246.00	47.94	15.52	76.4	494	13.43
37756.50	414	135	1200	1.151	228.90	82.00	17.53	69.4	694	13.33
37756.54	414	135	1300	1.379	261.20	63.41	18.90	67.1	815	13.26
37756.58	414	135	1400	1.597	227.00	61.49	20.05	62.1	753	13.22
37756.63	414	135	1500	1.997	250.70	36.30	21.01	58.7	677	13.19
37756.67	414	135	1600	2.219	254.90	30.30	21.63	55.8	535	13.17
37756.71	414	135	1700	2.211	245.60	28.92	21.15	61.8	372	13.18
37756.75	414	135	1800	1.928	261.10	20.95	20.42	64.5	233	13.20
37756.79	414	135	1900	1.084	294.90	37.54	18.95	71.6	52	13.07
37756.83	414	135	2000	0.723	43.98	61.45	16.25	86.7	0	13.02
37756.88	414	135	2100	0.330	49.17	65.17	14.55	93.0	0	12.99
37756.92	414	135	2200	0.197	321.90	78.70	13.39	97.3	0	12.97
37756.96	414	135	2300	0.249	58.68	48.73	12.91	98.8	0	12.95
37757.00	414	135	2400	0.418	47.20	58.31	12.05	99.9	0	12.93
37757.04	414	136	100	0.565	62.33	45.24	11.20	99.1	0	12.92
37757.08	414	136	200	0.595	50.72	36.63	10.29	92.3	0	12.90
37757.13	414	136	300	0.486	63.05	49.93	8.87	94.2	0	12.88

37757.17	414	136	400	0.420	56.75	42.91	7.60	96.3	0	12.86
37757.21	414	136	500	0.393	65.23	47.29	7.04	98.7	0	12.84
37757.25	414	136	600	0.341	70.30	21.73	7.41	99.1	69	12.83
37757.29	414	136	700	0.358	226.30	41.23	10.70	90.5	159	13.23
37757.33	414	136	800	0.628	216.10	39.42	13.55	76.3	317	13.47
37757.38	414	136	900	1.174	213.90	28.81	15.47	73.6	431	13.36
37757.42	414	136	1000	1.477	213.80	42.74	17.57	67.0	543	13.33
37757.46	414	136	1100	1.558	246.90	57.62	19.63	55.2	784	13.30
37757.50	414	136	1200	1.568	240.80	56.42	21.00	44.8	842	13.26
37757.54	414	136	1300	1.785	227.30	29.98	21.81	39.3	847	13.22
37757.58	414	136	1400	1.363	197.90	50.69	22.77	31.0	836	13.17
37757.63	414	136	1500	1.417	234.60	56.72	23.46	26.8	730	13.13
37757.67	414	136	1600	1.372	219.90	48.52	24.00	19.3	594	13.10
37757.71	414	136	1700	0.905	247.70	48.35	24.39	18.5	426	13.09
37757.75	414	136	1800	0.502	318.80	56.02	24.55	24.3	294	13.08
37757.79	414	136	1900	0.712	50.19	42.45	19.33	45.1	39	13.03
37757.83	414	136	2000	0.869	58.38	22.86	14.89	53.1	0	12.99
37757.88	414	136	2100	0.472	56.41	55.85	12.29	65.4	0	12.96
37757.92	414	136	2200	0.472	60.06	34.20	10.64	71.4	0	12.92
37757.96	414	136	2300	0.601	71.30	31.23	9.29	79.0	0	12.89
37758.00	414	136	2400	0.386	65.71	37.44	8.25	82.4	0	12.86
37758.04	414	137	100	0.443	63.58	55.42	7.33	86.1	0	12.84
37758.08	414	137	200	0.340	68.99	22.26	6.45	89.3	0	12.82
37758.13	414	137	300	0.464	62.55	40.92	5.63	92.0	0	12.80
37758.17	414	137	400	0.438	58.04	60.33	5.03	93.8	0	12.79
37758.21	414	137	500	0.391	70.50	57.47	4.64	94.1	1	12.78
37758.25	414	137	600	0.534	59.79	68.95	5.07	94.4	81	12.83
37758.29	414	137	700	0.464	249.80	68.59	9.65	77.7	174	13.35
37758.33	414	137	800	1.538	327.90	34.61	14.40	49.8	299	13.50
37758.38	414	137	900	1.778	291.50	48.45	16.57	42.7	454	13.39
37758.42	414	137	1000	2.116	297.90	45.15	17.74	38.7	570	13.36
37758.46	414	137	1100	2.102	285.70	60.24	19.16	34.9	802	13.35
37758.50	414	137	1200	2.270	274.40	61.70	20.23	33.0	861	13.33
37758.54	414	137	1300	2.041	295.40	65.41	21.14	30.9	863	13.28
37758.58	414	137	1400	2.050	270.70	61.92	22.01	29.3	824	13.22
37758.63	414	137	1500	2.380	258.10	34.78	22.26	30.5	712	13.19
37758.67	414	137	1600	2.766	257.20	30.33	22.25	27.8	575	13.18
37758.71	414	137	1700	1.976	281.70	65.00	22.10	24.4	408	13.19
37758.75	414	137	1800	1.303	287.30	90.80	21.36	20.4	265	13.16
37758.79	414	137	1900	1.168	143.40	99.20	19.17	18.9	44	13.04
37758.83	414	137	2000	0.738	70.70	32.89	13.85	42.1	0	13.00
37758.88	414	137	2100	0.781	16.57	58.61	14.21	34.2	0	12.97
37758.92	414	137	2200	0.998	9.60	68.07	13.92	31.5	0	12.94
37758.96	414	137	2300	0.717	156.10	71.10	12.74	35.7	0	12.91
37759.00	414	137	2400	1.215	46.69	41.69	12.04	33.7	0	12.89
37759.04	414	138	100	1.263	45.82	45.57	11.10	36.3	0	12.87
37759.08	414	138	200	1.062	38.62	36.78	10.40	39.8	0	12.85
37759.13	414	138	300	1.153	73.70	33.16	9.78	41.7	0	12.83
37759.17	414	138	400	1.013	57.10	52.72	9.38	41.7	0	12.81
37759.21	414	138	500	1.334	63.61	44.15	8.94	42.3	0	12.80
37759.25	414	138	600	1.610	54.38	47.66	9.19	42.8	75	12.80
37759.29	414	138	700	1.368	61.62	85.70	10.60	42.2	174	13.21

37759.33	414	138	800	1.642	42.44	76.70	12.42	39.2	285	13.52
37759.38	414	138	900	1.601	328.40	87.80	14.48	36.3	453	13.43
37759.42	414	138	1000	1.655	301.00	89.80	16.49	31.7	568	13.41
37759.46	414	138	1100	2.050	283.20	72.80	17.88	30.2	808	13.39
37759.50	414	138	1200	1.945	332.70	87.60	19.50	27.2	864	13.36
37759.54	414	138	1300	2.325	343.30	87.00	20.60	24.3	864	13.32
37759.58	414	138	1400	2.273	275.80	76.30	21.61	22.0	832	13.26
37759.63	414	138	1500	2.243	297.60	91.80	22.24	20.1	718	13.22
37759.67	414	138	1600	1.973	254.60	84.10	22.84	19.3	582	13.19
37759.71	414	138	1700	1.715	229.20	79.90	22.92	18.9	417	13.18
37759.75	414	138	1800	1.437	151.80	93.10	22.49	18.4	269	13.14
37759.79	414	138	1900	1.172	80.20	68.28	21.15	19.9	38	13.04
37759.83	414	138	2000	1.343	64.15	36.07	19.09	22.4	0	13.01
37759.88	414	138	2100	0.694	66.04	28.48	14.36	45.9	0	12.98
37759.92	414	138	2200	0.362	65.60	74.90	10.69	68.5	0	12.95
37759.96	414	138	2300	0.667	51.24	75.80	9.95	64.7	0	12.91
37760.00	414	138	2400	0.887	76.90	20.84	9.28	66.0	0	12.87
37760.04	414	139	100	0.647	70.60	27.59	7.93	74.6	0	12.84
37760.08	414	139	200	0.634	69.04	26.86	7.20	76.7	0	12.82
37760.13	414	139	300	0.486	71.30	34.82	6.35	81.6	0	12.80
37760.17	414	139	400	0.525	67.15	38.56	5.58	84.5	0	12.78
37760.21	414	139	500	0.537	64.42	42.53	4.97	86.9	1	12.77
37760.25	414	139	600	0.331	69.17	21.29	5.45	87.3	79	12.78
37760.29	414	139	700	0.156	100.70	68.80	10.60	70.5	178	13.22
37760.33	414	139	800	0.522	221.40	30.24	15.10	45.5	277	13.47
37760.38	414	139	900	0.692	216.90	41.42	18.26	36.5	482	13.32
37760.42	414	139	1000	1.120	206.50	41.80	20.25	31.3	546	13.26
37760.46	414	139	1100	1.132	225.40	79.40	22.58	24.4	794	13.23
37760.50	414	139	1200	1.383	236.50	70.30	24.30	23.6	856	13.20
37760.54	414	139	1300	2.007	227.90	32.49	25.13	24.2	863	13.17
37760.58	414	139	1400	2.179	235.70	28.20	26.21	23.6	813	13.12
37760.63	414	139	1500	2.103	237.20	31.30	26.83	22.7	705	13.09
37760.67	414	139	1600	1.947	231.60	22.96	26.83	21.9	572	13.07
37760.71	414	139	1700	1.425	230.20	25.80	27.11	22.3	409	13.06
37760.75	414	139	1800	0.566	318.50	64.55	26.99	29.5	264	13.04
37760.79	414	139	1900	0.420	60.97	38.42	21.61	47.6	42	13.00
37760.83	414	139	2000	0.192	50.60	73.20	17.41	59.2	0	12.97
37760.88	414	139	2100	0.466	64.23	33.53	14.52	72.6	0	12.93
37760.92	414	139	2200	0.403	67.91	26.83	12.87	78.4	0	12.89
37760.96	414	139	2300	0.510	71.70	26.15	12.03	80.5	0	12.86
37761.00	414	139	2400	0.595	67.91	20.72	11.23	81.4	0	12.84
37761.04	414	140	100	0.489	67.18	34.76	10.51	83.2	0	12.82
37761.08	414	140	200	0.527	64.53	31.97	9.70	87.2	0	12.81
37761.13	414	140	300	0.561	65.04	37.00	9.27	88.5	0	12.80
37761.17	414	140	400	0.595	70.30	16.21	8.63	90.9	0	12.80
37761.21	414	140	500	0.410	67.12	30.97	8.21	91.9	2	12.79
37761.25	414	140	600	0.461	66.60	36.60	8.92	90.9	78	12.81
37761.29	414	140	700	0.244	95.30	90.90	13.63	78.2	173	13.20
37761.33	414	140	800	0.347	193.50	50.10	18.56	52.5	270	13.39
37761.38	414	140	900	0.566	221.00	31.32	21.05	46.3	489	13.25
37761.42	414	140	1000	0.883	222.60	43.98	23.15	48.6	530	13.19
37761.46	414	140	1100	0.952	207.90	75.20	25.48	37.4	790	13.16

37761.50	414	140	1200	1.498	216.90	37.15	26.95	31.4	850	13.13
37761.54	414	140	1300	1.742	243.30	44.27	28.22	26.8	861	13.10
37761.58	414	140	1400	1.446	242.60	66.95	29.13	22.6	808	13.06
37761.63	414	140	1500	1.325	214.70	49.16	29.58	21.3	706	13.03
37761.67	414	140	1600	0.977	199.60	55.17	29.99	17.6	554	13.01
37761.71	414	140	1700	0.748	162.20	79.30	30.14	20.5	389	12.99
37761.75	414	140	1800	0.651	33.89	40.59	28.62	34.0	250	12.98
37761.79	414	140	1900	0.255	77.20	22.31	24.14	51.3	50	12.95
37761.83	414	140	2000	0.165	55.11	60.85	19.66	63.5	0	12.92
37761.88	414	140	2100	0.389	64.49	26.55	16.91	73.4	0	12.90
37761.92	414	140	2200	0.421	70.30	32.04	15.52	77.3	0	12.87
37761.96	414	140	2300	0.482	71.50	18.85	14.76	78.8	0	12.85
37762.00	414	140	2400	0.759	64.59	52.65	14.05	80.4	0	12.84
37762.04	414	141	100	0.569	64.87	42.02	13.46	82.2	0	12.83
37762.08	414	141	200	0.478	67.21	40.47	12.59	86.3	0	12.82
37762.13	414	141	300	0.644	67.25	41.88	11.93	88.8	0	12.81
37762.17	414	141	400	0.609	69.93	39.77	11.31	91.0	0	12.81
37762.21	414	141	500	0.507	67.36	29.41	10.91	92.5	3	12.80
37762.25	414	141	600	0.374	75.00	30.44	11.86	90.2	80	12.80
37762.29	414	141	700	0.279	163.90	68.93	16.24	79.2	178	13.09
37762.33	414	141	800	0.300	219.00	30.78	21.15	53.9	253	13.31
37762.38	414	141	900	0.452	229.60	85.20	23.73	49.7	440	13.18
37762.42	414	141	1000	0.703	216.50	86.30	25.69	48.1	508	13.13
37762.46	414	141	1100	1.011	185.90	64.91	27.65	41.7	778	13.10
37762.50	414	141	1200	1.100	209.20	38.83	29.17	37.6	842	13.08
37762.54	414	141	1300	1.060	231.20	35.07	30.42	33.6	848	13.04
37762.58	414	141	1400	1.074	200.30	46.27	31.45	29.8	802	13.01
37762.63	414	141	1500	1.041	248.20	56.88	32.24	26.7	696	12.98
37762.67	414	141	1600	1.129	224.80	41.35	32.42	26.2	565	12.96
37762.71	414	141	1700	0.586	313.90	79.80	33.00	25.5	411	12.96
37762.75	414	141	1800	0.473	359.30	41.99	31.54	37.8	267	12.95
37762.79	414	141	1900	0.341	66.96	39.45	26.15	54.2	32	12.93
37762.83	414	141	2000	0.380	64.35	46.45	21.86	67.0	0	12.91
37762.88	414	141	2100	0.191	75.60	54.87	19.84	75.4	0	12.89
37762.92	414	141	2200	0.460	67.59	24.02	18.05	80.5	0	12.86
37762.96	414	141	2300	0.558	69.23	11.73	16.81	83.4	0	12.85
37763.00	414	141	2400	0.578	67.76	13.40	16.16	84.6	0	12.84
37763.04	414	142	100	0.527	69.90	11.28	15.33	88.0	0	12.83
37763.08	414	142	200	0.525	69.54	9.21	14.88	88.9	0	12.82
37763.13	414	142	300	0.493	70.80	12.36	14.27	90.6	0	12.81
37763.17	414	142	400	0.450	67.69	15.64	13.73	92.2	0	12.80
37763.21	414	142	500	0.531	67.12	14.47	13.25	93.8	3	12.80
37763.25	414	142	600	0.419	68.34	17.73	14.05	91.8	80	12.80
37763.29	414	142	700	0.224	124.40	79.20	18.53	80.0	179	13.04
37763.33	414	142	800	0.410	161.80	66.95	23.46	57.6	237	13.25
37763.38	414	142	900	0.847	209.00	23.04	25.06	56.2	441	13.14
37763.42	414	142	1000	1.213	207.10	23.81	26.41	57.9	492	13.11
37763.46	414	142	1100	0.996	235.60	35.37	28.83	48.1	780	13.08
37763.50	414	142	1200	1.178	229.00	42.71	30.51	40.8	840	13.05
37763.54	414	142	1300	1.623	225.10	22.38	31.28	38.3	853	13.03
37763.58	414	142	1400	1.209	221.30	25.62	32.67	30.3	807	12.99
37763.63	414	142	1500	0.863	196.00	57.07	33.96	25.6	708	12.96

37763.67	414	142	1600	0.757	219.50	44.66	34.41	26.8	570	12.94
37763.71	414	142	1700	0.730	251.60	52.64	34.01	31.2	417	12.94
37763.75	414	142	1800	0.457	15.47	57.54	32.30	43.2	266	12.93
37763.79	414	142	1900	0.817	57.87	44.67	27.11	56.1	45	12.92
37763.83	414	142	2000	0.330	42.92	65.00	23.69	68.8	0	12.90
37763.88	414	142	2100	0.297	67.05	49.62	21.33	78.1	0	12.87
37763.92	414	142	2200	0.442	68.26	22.08	19.86	81.3	0	12.85
37763.96	414	142	2300	0.472	67.88	15.08	18.80	83.1	0	12.84
37764.00	414	142	2400	0.687	62.30	17.04	17.98	85.5	0	12.83
37764.04	414	143	100	0.661	71.00	13.56	17.19	88.3	0	12.82
37764.08	414	143	200	0.614	66.98	16.25	16.59	89.8	0	12.81
37764.13	414	143	300	0.488	72.00	12.61	15.86	92.1	0	12.80
37764.17	414	143	400	0.484	65.83	21.52	15.16	94.2	-1	12.80
37764.21	414	143	500	0.520	64.48	28.08	14.43	95.8	9	12.79
37764.25	414	143	600	0.424	63.07	44.40	15.04	93.4	79	12.79
37764.29	414	143	700	0.232	163.60	85.00	19.23	81.7	180	13.03
37764.33	414	143	800	0.477	211.40	36.16	23.45	65.5	240	13.24
37764.38	414	143	900	0.605	214.30	28.76	25.83	51.6	495	13.12
37764.42	414	143	1000	0.682	208.30	32.21	27.82	50.6	486	13.07
37764.46	414	143	1100	1.191	214.90	22.23	29.69	46.5	781	13.05
37764.50	414	143	1200	1.111	213.60	28.90	31.48	43.1	838	13.03
37764.54	414	143	1300	1.030	227.00	30.64	32.90	37.8	852	12.99
37764.58	414	143	1400	0.665	212.00	42.44	34.86	26.3	817	12.96
37764.63	414	143	1500	0.568	276.50	57.88	36.15	21.2	710	12.94
37764.67	414	143	1600	0.957	232.20	52.06	35.57	26.4	562	12.92
37764.71	414	143	1700	1.367	254.20	28.04	34.51	29.6	405	12.92
37764.75	414	143	1800	1.186	302.20	23.27	32.27	35.3	256	12.92
37764.79	414	143	1900	0.923	29.13	47.63	28.68	44.8	66	12.89
37764.83	414	143	2000	0.385	43.96	43.38	24.78	60.8	9	12.87
37764.88	414	143	2100	0.314	55.45	61.59	22.13	72.0	0	12.86
37764.92	414	143	2200	0.440	64.03	33.53	20.86	77.1	0	12.84
37764.96	414	143	2300	0.541	68.93	21.50	19.96	81.2	0	12.83
37765.00	414	143	2400	0.416	67.41	25.39	19.30	84.0	-1	12.82
37765.04	414	144	100	0.455	65.65	36.33	18.53	86.5	-1	12.81
37765.08	414	144	200	0.411	66.26	34.43	18.09	88.0	-2	12.80
37765.13	414	144	300	0.387	69.85	14.79	17.59	90.3	-1	12.80
37765.17	414	144	400	0.585	67.65	45.92	16.83	92.7	-2	12.80
37765.21	414	144	500	0.320	62.79	50.24	16.29	94.4	10	12.79
37765.25	414	144	600	0.360	69.55	15.76	16.77	93.7	74	12.79
37765.29	414	144	700	0.212	262.90	98.30	20.33	82.0	171	13.02
37765.33	414	144	800	1.332	231.80	25.00	22.41	69.2	253	13.23
37765.38	414	144	900	1.684	237.00	40.62	22.80	70.7	460	13.17
37765.42	414	144	1000	1.625	225.30	44.67	23.31	69.8	448	13.14
37765.46	414	144	1100	1.839	217.80	38.77	24.26	66.0	765	13.14
37765.50	414	144	1200	2.262	237.60	27.35	25.10	62.6	654	13.12
37765.54	414	144	1300	1.372	215.40	46.52	25.77	59.8	716	13.10
37765.58	414	144	1400	1.301	244.00	41.97	27.20	55.6	709	13.05
37765.63	414	144	1500	1.699	246.10	34.09	27.38	50.8	524	13.04
37765.67	414	144	1600	1.854	245.30	29.55	28.05	47.8	535	13.03
37765.71	414	144	1700	2.078	244.50	39.15	27.45	51.5	331	13.03
37765.75	414	144	1800	1.952	257.20	22.29	25.20	62.1	185	13.07
37765.79	414	144	1900	0.974	301.90	52.01	23.82	68.8	57	12.98

37765.83	414	144	2000	0.621	56.55	28.26	21.56	82.0	8	12.93
37765.88	414	144	2100	0.304	359.80	66.28	20.31	88.6	0	12.90
37765.92	414	144	2200	0.268	77.90	72.40	19.62	91.0	-1	12.88
37765.96	414	144	2300	0.376	269.20	79.90	19.65	91.3	-1	12.86
37766.00	414	144	2400	0.939	288.60	30.66	19.49	77.2	-3	12.85
37766.04	414	145	100	0.864	294.20	56.07	18.63	78.8	-3	12.83
37766.08	414	145	200	0.393	25.24	85.00	17.59	87.6	-3	12.82
37766.13	414	145	300	0.488	316.00	85.70	16.98	87.6	-3	12.81
37766.17	414	145	400	1.043	269.80	37.50	16.20	85.7	-4	12.80
37766.21	414	145	500	0.473	332.80	36.53	15.21	88.1	2	12.80
37766.25	414	145	600	0.836	287.30	32.15	14.68	87.8	46	12.79
37766.29	414	145	700	0.930	260.20	56.66	14.46	87.3	141	13.13
37766.33	414	145	800	0.727	238.10	58.63	15.88	82.2	211	13.41
37766.38	414	145	900	1.292	294.40	48.59	16.14	81.2	231	13.39
37766.42	414	145	1000	1.161	266.50	65.62	17.45	77.4	374	13.34
37766.46	414	145	1100	1.522	245.80	48.62	17.87	77.4	426	13.30
37766.50	414	145	1200	1.324	229.10	41.59	19.14	73.5	480	13.25
37766.54	414	145	1300	0.908	299.80	89.00	20.43	67.9	576	13.22
37766.58	414	145	1400	1.450	217.30	48.99	21.58	64.2	664	13.17
37766.63	414	145	1500	1.243	260.20	45.76	22.67	60.1	542	13.14
37766.67	414	145	1600	1.781	261.80	33.22	23.14	60.2	468	13.13
37766.71	414	145	1700	1.430	250.30	29.38	22.75	64.2	277	13.15
37766.75	414	145	1800	1.718	256.90	23.01	22.51	64.5	185	13.16
37766.79	414	145	1900	0.802	321.20	65.60	21.03	71.0	45	13.06
37766.83	414	145	2000	0.743	50.82	24.00	19.45	81.3	9	13.00
37766.88	414	145	2100	0.477	16.60	83.50	18.79	85.3	-1	12.98
37766.92	414	145	2200	0.617	55.34	59.33	18.62	87.3	-2	12.97
37766.96	414	145	2300	0.556	355.70	83.60	18.65	81.2	-3	12.95
37767.00	414	145	2400	0.571	62.34	57.92	17.55	82.1	-3	12.94
37767.04	414	146	100	0.914	71.60	39.47	15.21	91.1	-5	12.93
37767.08	414	146	200	0.692	36.81	82.00	14.27	93.8	-5	12.92
37767.13	414	146	300	0.540	48.54	66.58	13.12	97.6	-3	12.91
37767.17	414	146	400	0.267	85.50	62.50	13.05	99.0	-1	12.90
37767.21	414	146	500	0.193	211.10	68.15	14.20	97.7	6	12.90
37767.25	414	146	600	0.447	313.20	60.19	14.55	94.5	47	12.90
37767.29	414	146	700	0.468	213.60	69.42	15.36	90.7	101	13.01
37767.33	414	146	800	0.945	257.60	58.37	16.12	86.9	231	13.40
37767.38	414	146	900	0.840	308.00	77.40	17.54	78.9	351	13.36
37767.42	414	146	1000	1.510	256.50	52.45	19.06	72.9	460	13.30
37767.46	414	146	1100	1.301	231.70	70.30	20.95	65.2	783	13.25
37767.50	414	146	1200	1.518	224.70	56.29	21.93	62.6	790	13.21
37767.54	414	146	1300	1.410	248.50	74.30	23.08	55.4	807	13.18
37767.58	414	146	1400	1.379	214.60	62.75	24.27	49.1	768	13.13
37767.63	414	146	1500	1.268	243.40	77.80	25.16	45.9	663	13.09
37767.67	414	146	1600	0.832	275.60	55.56	25.57	42.9	462	13.07
37767.71	414	146	1700	0.858	238.10	65.30	25.94	41.6	380	13.06
37767.75	414	146	1800	0.656	262.30	34.24	25.52	48.7	227	13.07
37767.79	414	146	1900	0.546	19.95	42.21	22.77	63.7	70	13.01
37767.83	414	146	2000	0.229	71.70	28.40	19.05	76.8	5	12.98
37767.88	414	146	2100	0.231	49.79	59.33	16.81	82.5	-2	12.96
37767.92	414	146	2200	0.526	59.97	13.46	15.38	87.6	-5	12.93
37767.96	414	146	2300	0.473	68.65	10.90	14.15	91.5	-6	12.92

37768.00	414	146	2400	0.468	62.82	16.70	13.35	93.5	-3	12.90
37768.04	414	147	100	0.447	65.99	28.09	12.68	95.3	0	12.89
37768.08	414	147	200	0.469	69.95	13.00	11.97	96.6	1	12.87
37768.13	414	147	300	0.387	68.58	18.37	11.20	98.0	1	12.87
37768.17	414	147	400	0.398	66.75	26.94	10.85	97.7	0	12.85
37768.21	414	147	500	0.442	65.20	28.63	10.30	98.6	8	12.84
37768.25	414	147	600	0.450	74.50	34.76	11.33	95.3	93	12.84
37768.29	414	147	700	0.265	111.10	82.90	16.29	81.2	192	13.16
37768.33	414	147	800	0.443	225.30	30.87	20.82	59.6	224	13.31
37768.38	414	147	900	0.558	206.20	54.71	23.96	48.8	474	13.18
37768.42	414	147	1000	0.579	171.30	90.00	26.85	46.3	470	13.11
37768.46	414	147	1100	0.906	170.30	53.39	29.36	42.2	797	13.08
37768.50	414	147	1200	0.974	168.60	49.44	31.25	35.3	827	13.05
37768.54	414	147	1300	1.241	244.90	49.36	32.79	31.9	832	13.02
37768.58	414	147	1400	1.041	216.80	60.37	33.89	23.6	806	12.99
37768.63	414	147	1500	0.852	226.40	49.93	35.11	23.7	705	12.97
37768.67	414	147	1600	1.305	238.10	28.24	34.60	27.2	539	12.96
37768.71	414	147	1700	1.300	245.90	25.43	34.36	26.7	421	12.95
37768.75	414	147	1800	0.931	273.90	41.32	33.07	34.5	276	12.94
37768.79	414	147	1900	0.586	0.04	67.07	29.20	48.0	55	12.93
37768.83	414	147	2000	0.736	59.34	30.85	23.96	66.4	3	12.90
37768.88	414	147	2100	0.333	53.45	35.42	21.54	76.7	-1	12.88
37768.92	414	147	2200	0.510	52.92	53.84	20.07	81.8	-4	12.87
37768.96	414	147	2300	0.395	61.78	58.66	19.04	85.0	-7	12.85
37769.00	414	147	2400	0.518	59.81	56.31	18.30	87.4	-6	12.84
37769.04	414	148	100	0.672	67.11	31.33	17.41	90.8	-4	12.83
37769.08	414	148	200	0.558	68.08	18.31	16.62	93.7	-5	12.82
37769.13	414	148	300	0.427	64.82	19.88	16.35	93.9	-4	12.81
37769.17	414	148	400	0.492	64.20	20.38	15.81	95.3	1	12.81
37769.21	414	148	500	0.334	72.20	19.86	15.50	95.8	17	12.80
37769.25	414	148	600	0.370	69.22	19.05	16.65	92.8	84	12.80
37769.29	414	148	700	0.097	169.30	58.02	20.10	82.3	177	12.99
37769.33	414	148	800	0.303	218.40	40.85	24.15	64.8	235	13.23
37769.38	414	148	900	0.739	204.20	26.10	27.11	57.7	455	13.10
37769.42	414	148	1000	1.311	216.80	29.01	28.27	56.9	462	13.06
37769.46	414	148	1100	1.493	209.70	29.89	30.20	47.0	755	13.04
37769.50	414	148	1200	1.410	223.00	30.35	31.80	38.4	833	13.02
37769.54	414	148	1300	1.529	241.30	31.67	32.40	35.3	715	12.99
37769.58	414	148	1400	1.281	280.70	59.71	33.10	33.4	718	12.97
37769.63	414	148	1500	1.206	233.40	38.56	33.62	32.2	659	12.95
37769.67	414	148	1600	0.852	214.60	39.44	34.18	30.3	555	12.93
37769.71	414	148	1700	0.613	308.00	32.23	32.82	43.1	315	12.92
37769.75	414	148	1800	0.355	31.63	46.47	30.57	59.1	155	12.95
37769.79	414	148	1900	0.521	50.71	33.94	27.52	71.5	74	12.91
37769.83	414	148	2000	0.178	70.20	48.46	24.50	72.0	14	12.88
37769.88	414	148	2100	0.209	72.30	18.97	22.56	77.1	-4	12.86
37769.92	414	148	2200	0.452	65.65	14.91	21.15	79.9	-7	12.84
37769.96	414	148	2300	0.492	66.78	13.23	20.05	81.6	-5	12.83
37770.00	414	148	2400	0.517	70.60	14.62	19.07	82.8	-2	12.82
37770.04	414	149	100	0.465	66.00	17.68	18.05	86.4	0	12.81
37770.08	414	149	200	0.400	68.25	12.39	17.52	88.1	-1	12.81
37770.13	414	149	300	0.491	65.23	23.23	16.80	89.6	-2	12.80

37770.17	414	149	400	0.496	70.50	10.33	16.08	91.3	-2	12.79
37770.21	414	149	500	0.527	66.99	21.55	15.65	92.4	9	12.78
37770.25	414	149	600	0.402	69.59	31.33	15.91	93.1	61	12.79
37770.29	414	149	700	0.263	110.10	62.66	18.55	86.6	141	13.06
37770.33	414	149	800	0.283	218.30	40.71	22.59	73.4	212	13.29
37770.38	414	149	900	0.659	200.50	24.83	25.79	55.6	426	13.18
37770.42	414	149	1000	0.713	199.90	35.95	28.70	47.2	520	13.09
37770.46	414	149	1100	1.394	219.20	41.49	30.86	39.9	749	13.04
37770.50	414	149	1200	1.256	260.60	37.19	31.70	36.2	568	13.01
37770.54	414	149	1300	0.763	329.00	61.18	31.04	44.8	283	13.00
37770.58	414	149	1400	0.643	334.80	62.65	29.98	52.9	226	13.01
37770.63	414	149	1500	0.568	351.30	80.20	28.89	63.8	198	13.05
37770.67	414	149	1600	0.758	177.60	79.40	29.65	59.2	358	13.06
37770.71	414	149	1700	0.905	219.20	59.85	31.23	44.7	393	13.01
37770.75	414	149	1800	2.367	247.10	35.99	30.76	30.1	279	13.00
37770.79	414	149	1900	1.665	267.40	35.54	28.56	29.9	93	12.98
37770.83	414	149	2000	1.105	36.98	61.97	24.59	42.4	11	12.92
37770.88	414	149	2100	0.880	61.11	56.87	21.87	54.3	-7	12.89
37770.92	414	149	2200	0.514	62.63	66.32	20.40	65.8	-6	12.87
37770.96	414	149	2300	0.478	66.47	56.42	19.35	73.0	-1	12.85
37771.00	414	149	2400	0.828	293.10	32.40	19.14	67.0	-1	12.83
37771.04	414	150	100	0.584	354.10	70.80	17.31	76.4	0	12.81
37771.08	414	150	200	0.673	62.43	66.37	14.99	87.7	-1	12.80
37771.13	414	150	300	0.763	297.80	50.86	14.06	89.3	1	12.79
37771.17	414	150	400	0.487	333.40	75.20	12.86	94.9	0	12.77
37771.21	414	150	500	0.515	200.60	39.57	13.28	93.1	1	12.76
37771.25	414	150	600	1.248	226.10	17.59	13.20	92.7	17	12.76
37771.29	414	150	700	1.406	235.90	22.63	13.23	92.1	41	12.76
37771.33	414	150	800	0.559	187.90	63.59	13.57	90.6	71	12.83
37771.38	414	150	900	0.819	295.00	62.09	14.04	88.4	124	13.10
37771.42	414	150	1000	0.795	275.40	79.30	15.23	82.1	198	13.44
37771.46	414	150	1100	1.410	211.90	53.77	16.78	75.7	525	13.39
37771.50	414	150	1200	1.821	227.00	37.71	18.23	72.4	827	13.32
37771.54	414	150	1300	1.243	188.60	79.30	20.19	64.5	822	13.26
37771.58	414	150	1400	1.302	205.70	57.39	22.10	58.7	789	13.19
37771.63	414	150	1500	1.839	243.60	38.36	23.50	54.8	698	13.14
37771.67	414	150	1600	1.495	264.20	41.17	24.34	52.6	561	13.10
37771.71	414	150	1700	1.241	274.90	52.81	24.56	52.4	414	13.09
37771.75	414	150	1800	0.512	298.70	67.05	25.05	50.9	269	13.06
37771.79	414	150	1900	0.513	12.43	52.03	22.75	66.6	59	13.01
37771.83	414	150	2000	0.606	59.34	21.53	19.48	80.8	19	12.98
37771.88	414	150	2100	0.269	45.42	55.16	17.78	86.3	-6	12.96
37771.92	414	150	2200	0.348	60.04	38.83	16.56	91.5	0	12.94
37771.96	414	150	2300	0.443	66.20	14.76	15.46	95.4	-2	12.92
37772.00	414	150	2400	0.276	68.82	10.61	14.87	97.1	1	12.91
37772.04	414	151	100	0.284	68.68	8.15	14.43	98.0	1	12.89
37772.08	414	151	200	0.399	67.47	12.64	13.94	99.0	0	12.88
37772.13	414	151	300	0.478	69.20	27.32	13.57	99.6	1	12.86
37772.17	414	151	400	0.321	68.78	18.95	13.10	99.7	0	12.85
37772.21	414	151	500	0.381	66.82	14.03	12.65	100.5	5	12.83
37772.25	414	151	600	0.238	68.26	16.21	13.68	98.1	82	12.83
37772.29	414	151	700	0.148	214.50	43.18	17.75	85.0	179	13.18

37772.33	414	151	800	0.585	215.10	27.52	20.82	69.9	256	13.30
37772.38	414	151	900	1.462	221.00	21.51	22.46	65.6	483	13.19
37772.42	414	151	1000	1.185	214.10	62.23	23.99	58.4	496	13.15
37772.46	414	151	1100	1.165	256.10	58.66	25.98	52.5	780	13.12
37772.50	414	151	1200	1.709	236.90	42.42	27.63	44.4	821	13.10
37772.54	414	151	1300	1.508	238.30	44.18	28.75	37.7	821	13.07
37772.58	414	151	1400	1.399	230.40	58.26	30.07	30.7	807	13.03
37772.63	414	151	1500	1.235	241.70	56.33	30.96	24.9	713	13.00
37772.67	414	151	1600	1.297	242.60	50.63	31.34	19.9	577	12.98
37772.71	414	151	1700	1.013	243.00	40.29	31.47	20.6	423	12.97
37772.75	414	151	1800	0.638	355.20	25.56	30.59	31.9	272	12.95
37772.79	414	151	1900	0.558	54.81	19.73	26.14	46.2	67	12.92
37772.83	414	151	2000	0.491	48.29	50.16	21.81	62.6	20	12.90
37772.88	414	151	2100	0.236	39.49	69.85	19.36	73.7	-7	12.87
37772.92	414	151	2200	0.535	60.88	36.43	18.06	78.9	0	12.85
37772.96	414	151	2300	0.559	64.70	24.01	17.06	81.8	-1	12.83
37773.00	414	151	2400	0.532	67.79	14.27	16.11	86.0	-1	12.81
37773.04	414	152	100	0.622	62.76	39.95	15.25	88.1	1	12.80
37773.08	414	152	200	0.554	62.92	52.57	14.51	86.5	0	12.79
37773.13	414	152	300	0.468	66.27	43.44	13.31	89.8	0	12.78
37773.17	414	152	400	0.509	68.18	24.01	12.55	91.6	0	12.77
37773.21	414	152	500	0.569	66.68	49.35	11.98	91.6	1	12.76
37773.25	414	152	600	0.374	63.88	33.54	12.86	89.5	83	12.77
37773.29	414	152	700	0.341	170.90	77.60	17.08	77.2	187	13.07
37773.33	414	152	800	0.462	183.10	45.44	21.82	53.8	267	13.29
37773.38	414	152	900	0.480	187.50	82.70	24.88	46.9	475	13.16
37773.42	414	152	1000	0.819	175.60	58.90	26.99	38.9	524	13.10
37773.46	414	152	1100	0.825	180.00	70.80	29.39	30.1	773	13.06
37773.50	414	152	1200	1.223	243.00	67.28	31.28	26.8	830	13.03
37773.54	414	152	1300	1.336	248.20	68.57	32.15	25.8	820	13.00
37773.58	414	152	1400	1.411	278.10	64.61	33.20	23.0	787	12.97
37773.63	414	152	1500	1.391	249.80	35.72	33.74	20.3	583	12.95
37773.67	414	152	1600	0.950	262.00	57.90	34.32	19.5	585	12.93
37773.71	414	152	1700	0.675	290.80	44.00	34.35	21.0	420	12.92
37773.75	414	152	1800	0.584	2.35	46.36	32.10	32.3	277	12.91
37773.79	414	152	1900	0.295	71.20	38.35	27.07	46.1	66	12.89
37773.83	414	152	2000	0.178	62.43	54.92	22.56	52.4	22	12.86
37773.88	414	152	2100	0.339	72.60	11.85	19.69	63.6	-4	12.84
37773.92	414	152	2200	0.531	67.81	13.86	18.21	69.0	0	12.82
37773.96	414	152	2300	0.731	68.99	28.62	16.92	72.9	0	12.80
37774.00	414	152	2400	0.684	59.36	38.16	16.15	74.2	-2	12.79
37774.04	414	153	100	0.620	64.86	42.59	15.04	78.7	0	12.78
37774.08	414	153	200	0.554	56.42	56.85	14.67	79.0	0	12.77
37774.13	414	153	300	0.687	57.43	54.50	14.12	80.5	0	12.76
37774.17	414	153	400	0.610	49.16	65.97	13.40	83.9	0	12.76
37774.21	414	153	500	0.837	73.50	56.30	13.52	80.7	1	12.75
37774.25	414	153	600	0.760	63.30	40.60	14.41	78.2	85	12.76
37774.29	414	153	700	0.492	80.30	89.20	18.56	71.2	188	13.04
37774.33	414	153	800	0.671	228.90	79.90	24.06	51.9	271	13.26
37774.38	414	153	900	1.165	215.90	85.70	27.47	35.7	457	13.13
37774.42	414	153	1000	1.360	308.10	58.96	29.36	29.8	540	13.07
37774.46	414	153	1100	1.699	293.40	53.48	31.16	26.3	795	13.05

37774.50	414	153	1200	1.719	303.60	58.78	32.68	25.3	824	13.02
37774.54	414	153	1300	2.034	278.80	50.53	33.75	23.1	823	13.00
37774.58	414	153	1400	1.824	273.50	67.77	34.77	22.2	803	12.97
37774.63	414	153	1500	2.031	272.00	59.27	35.43	20.5	710	12.94
37774.67	414	153	1600	1.785	261.10	56.40	36.23	18.1	579	12.92
37774.71	414	153	1700	1.627	271.20	47.73	36.29	17.7	424	12.91
37774.75	414	153	1800	1.211	280.80	44.70	35.36	20.3	283	12.90
37774.79	414	153	1900	0.512	359.60	68.61	31.13	33.8	59	12.88
37774.83	414	153	2000	0.470	57.32	38.88	25.54	54.2	25	12.86
37774.88	414	153	2100	0.420	75.00	32.70	21.89	64.8	-4	12.84
37774.92	414	153	2200	0.700	66.12	19.36	19.54	68.4	0	12.82
37774.96	414	153	2300	0.644	61.50	67.58	18.33	68.9	0	12.80
37775.00	414	153	2400	0.597	44.62	60.17	17.75	69.5	-1	12.79
37775.04	414	154	100	0.594	54.47	69.98	17.48	67.8	0	12.78
37775.08	414	154	200	0.605	67.66	55.84	17.48	63.7	0	12.77
37775.13	414	154	300	0.657	72.10	30.02	16.89	65.3	0	12.76
37775.17	414	154	400	0.783	74.00	29.26	15.97	69.3	0	12.76
37775.21	414	154	500	0.576	62.78	37.90	15.44	71.0	1	12.75
37775.25	414	154	600	0.447	60.88	38.51	15.62	75.4	85	12.75
37775.29	414	154	700	0.389	87.00	91.50	20.45	67.6	180	12.98
37775.33	414	154	800	0.438	210.90	45.76	25.25	50.7	259	13.21
37775.38	414	154	900	0.417	194.20	52.65	28.94	35.9	460	13.08
37775.42	414	154	1000	0.805	193.00	46.22	30.93	32.7	536	13.01
37775.46	414	154	1100	0.855	180.30	53.54	33.07	26.6	795	12.99
37775.50	414	154	1200	1.183	209.40	64.32	34.83	22.5	824	12.97
37775.54	414	154	1300	1.435	224.90	35.40	35.86	20.9	826	12.94
37775.58	414	154	1400	1.352	228.50	61.02	37.03	19.3	804	12.92
37775.63	414	154	1500	1.211	265.40	88.10	37.81	17.9	721	12.90
37775.67	414	154	1600	1.176	226.20	67.40	38.08	17.8	586	12.89
37775.71	414	154	1700	0.748	259.40	40.83	37.92	20.8	435	12.88
37775.75	414	154	1800	0.501	8.07	61.13	36.05	32.0	295	12.87
37775.79	414	154	1900	0.166	82.40	39.67	30.73	43.4	56	12.86
37775.83	414	154	2000	0.304	59.77	56.99	25.57	55.1	25	12.84
37775.88	414	154	2100	0.350	72.20	27.81	22.39	64.7	-1	12.82
37775.92	414	154	2200	0.593	67.82	34.18	20.70	68.5	0	12.80
37775.96	414	154	2300	0.612	69.14	31.59	19.70	70.4	0	12.79
37776.00	414	154	2400	0.546	69.47	17.89	18.69	73.3	0	12.78
37776.04	414	155	100	0.522	67.03	27.26	18.06	74.2	0	12.76
37776.08	414	155	200	0.606	66.97	13.23	17.63	75.7	0	12.76
37776.13	414	155	300	0.493	69.55	14.73	17.24	78.2	0	12.75
37776.17	414	155	400	0.591	64.67	42.11	16.46	82.7	0	12.75
37776.21	414	155	500	0.701	61.53	55.45	16.02	81.7	1	12.74
37776.25	414	155	600	0.523	59.51	34.55	16.40	81.1	85	12.74
37776.29	414	155	700	0.358	78.00	88.00	20.90	67.2	181	12.95
37776.33	414	155	800	0.412	221.90	48.33	24.99	45.5	275	13.19
37776.38	414	155	900	0.751	236.80	41.12	27.17	42.0	487	13.08
37776.42	414	155	1000	0.617	151.70	80.30	30.26	35.8	540	13.03
37776.46	414	155	1100	1.078	184.30	62.84	32.84	28.8	789	13.00
37776.50	414	155	1200	1.034	160.80	94.90	35.10	21.7	821	12.97
37776.54	414	155	1300	1.784	267.40	72.00	36.17	21.4	821	12.95
37776.58	414	155	1400	1.673	281.30	56.53	37.22	19.1	800	12.92
37776.63	414	155	1500	1.680	249.70	72.40	37.85	16.8	718	12.90

37776.67	414	155	1600	1.712	300.80	89.80	37.94	15.0	585	12.88
37776.71	414	155	1700	1.337	65.25	74.60	37.91	14.1	442	12.88
37776.75	414	155	1800	0.974	42.27	49.80	37.01	16.6	294	12.87
37776.79	414	155	1900	1.155	18.23	15.99	32.98	21.8	61	12.85
37776.83	414	155	2000	1.121	71.90	31.72	27.00	36.8	23	12.83
37776.88	414	155	2100	1.946	46.85	16.93	29.77	21.5	0	12.81
37776.92	414	155	2200	0.669	60.23	69.11	22.95	45.5	-1	12.80
37776.96	414	155	2300	0.735	29.31	83.50	21.13	49.9	0	12.79
37777.00	414	155	2400	0.603	60.75	56.12	19.26	53.4	0	12.77
37777.04	414	156	100	0.551	64.16	34.03	17.62	59.6	0	12.76
37777.08	414	156	200	0.627	58.99	56.40	16.98	66.0	0	12.74
37777.13	414	156	300	0.525	73.60	35.92	16.17	76.6	0	12.74
37777.17	414	156	400	0.525	59.32	62.15	15.66	85.1	0	12.73
37777.21	414	156	500	0.417	53.11	42.80	15.18	87.6	0	12.73
37777.25	414	156	600	0.745	49.89	60.47	15.74	85.9	81	12.73
37777.29	414	156	700	0.296	176.10	85.10	20.15	74.3	184	12.95
37777.33	414	156	800	0.455	198.70	30.58	24.73	56.8	298	13.20
37777.38	414	156	900	0.454	165.50	58.95	28.04	41.2	445	13.08
37777.42	414	156	1000	0.698	163.20	78.80	30.33	33.6	542	13.02
37777.46	414	156	1100	0.834	185.80	57.21	32.80	25.4	793	12.99
37777.50	414	156	1200	1.183	216.10	58.73	34.46	19.7	821	12.97
37777.54	414	156	1300	1.289	233.70	79.20	35.53	18.0	821	12.95
37777.58	414	156	1400	1.124	257.20	100.80	36.52	16.0	803	12.92
37777.63	414	156	1500	1.363	247.30	64.09	37.10	15.3	722	12.89
37777.67	414	156	1600	1.438	242.40	43.74	37.02	16.0	577	12.88
37777.71	414	156	1700	1.052	251.40	34.18	36.89	18.7	428	12.87
37777.75	414	156	1800	0.574	343.30	52.09	35.22	29.8	281	12.86
37777.79	414	156	1900	0.385	51.56	43.77	29.96	41.5	63	12.84
37777.83	414	156	2000	0.634	54.85	46.68	25.42	52.3	19	12.82
37777.88	414	156	2100	0.515	59.71	32.13	22.97	62.3	0	12.80
37777.92	414	156	2200	0.446	64.57	38.66	21.50	71.1	0	12.78
37777.96	414	156	2300	0.444	68.47	28.87	20.32	75.8	0	12.77
37778.00	414	156	2400	0.434	62.58	17.26	19.59	82.0	0	12.76
37778.04	414	157	100	0.330	68.23	35.23	19.18	86.0	0	12.75
37778.08	414	157	200	0.396	63.53	42.83	19.02	85.5	0	12.74
37778.13	414	157	300	0.521	65.75	13.81	18.10	90.0	0	12.74
37778.17	414	157	400	0.335	63.98	20.01	17.37	93.6	0	12.73
37778.21	414	157	500	0.346	68.67	18.39	16.74	95.8	0	12.73
37778.25	414	157	600	0.203	59.47	54.68	17.34	93.9	77	12.73
37778.29	414	157	700	0.439	222.90	59.04	20.45	83.4	176	12.95
37778.33	414	157	800	1.536	222.50	20.98	21.86	77.1	282	13.22
37778.38	414	157	900	1.791	214.30	22.97	23.14	71.5	438	13.15
37778.42	414	157	1000	1.779	214.40	27.75	24.85	64.4	526	13.12
37778.46	414	157	1100	1.333	231.80	44.87	26.70	57.7	763	13.09
37778.50	414	157	1200	1.340	247.90	55.13	28.42	51.5	811	13.06
37778.54	414	157	1300	1.506	225.00	52.19	29.97	47.4	821	13.03
37778.58	414	157	1400	1.614	238.60	43.81	31.39	43.3	785	13.00
37778.63	414	157	1500	2.005	250.90	32.61	32.37	40.4	701	12.97
37778.67	414	157	1600	2.021	249.60	28.90	32.56	40.0	562	12.95
37778.71	414	157	1700	2.129	247.80	22.97	32.10	42.0	417	12.95
37778.75	414	157	1800	1.690	256.30	24.31	31.28	44.4	271	12.94
37778.79	414	157	1900	1.005	303.70	36.48	29.10	52.3	66	12.90

37778.83	414	157	2000	0.837	58.85	27.99	25.48	68.4	16	12.87
37778.88	414	157	2100	0.713	69.09	63.30	23.14	78.0	0	12.85
37778.92	414	157	2200	0.568	56.68	53.39	21.67	83.9	0	12.83
37778.96	414	157	2300	0.247	54.61	51.84	21.00	86.6	0	12.81
37779.00	414	157	2400	0.325	66.21	21.58	20.36	88.9	0	12.80
37779.04	414	158	100	0.367	66.69	16.57	19.45	92.0	0	12.78
37779.08	414	158	200	0.421	58.75	29.43	18.77	94.0	0	12.77
37779.13	414	158	300	0.235	64.37	27.75	18.42	94.8	0	12.76
37779.17	414	158	400	0.247	68.06	30.18	17.81	96.5	0	12.75
37779.21	414	158	500	0.399	67.24	22.25	17.04	98.2	1	12.74
37779.25	414	158	600	0.164	68.17	60.47	17.45	96.8	75	12.75
37779.29	414	158	700	0.620	218.90	35.43	19.37	87.5	171	12.98
37779.33	414	158	800	1.285	217.80	23.19	20.91	81.9	285	13.24
37779.38	414	158	900	1.431	218.50	32.03	22.75	73.2	427	13.17
37779.42	414	158	1000	1.608	213.00	28.97	24.35	64.3	517	13.12
37779.46	414	158	1100	1.158	208.10	57.61	26.09	59.0	745	13.10
37779.50	414	158	1200	1.294	218.80	49.53	27.82	55.7	788	13.07
37779.54	414	158	1300	1.281	228.80	72.20	29.30	51.3	805	13.04
37779.58	414	158	1400	1.524	233.10	50.42	30.41	48.3	775	13.00
37779.63	414	158	1500	1.796	250.40	37.84	31.32	46.7	689	12.98
37779.67	414	158	1600	2.006	245.00	29.07	31.59	45.8	553	12.96
37779.71	414	158	1700	1.722	244.60	25.41	31.52	46.0	411	12.96
37779.75	414	158	1800	1.605	254.90	22.58	30.89	48.3	271	12.95
37779.79	414	158	1900	1.146	283.40	32.01	28.99	55.9	83	12.91
37779.83	414	158	2000	0.625	60.08	32.44	26.02	69.7	17	12.88
37779.88	414	158	2100	0.408	68.41	37.90	23.75	79.6	0	12.86
37779.92	414	158	2200	0.282	52.78	29.36	22.35	84.3	0	12.85
37779.96	414	158	2300	0.243	62.92	34.08	21.33	88.0	0	12.83
37780.00	414	158	2400	0.265	74.40	19.70	20.61	90.7	0	12.81
37780.04	414	159	100	0.378	64.27	23.53	19.91	93.0	0	12.80
37780.08	414	159	200	0.416	60.64	50.32	19.39	94.6	0	12.78
37780.13	414	159	300	0.286	68.21	26.19	18.96	95.9	0	12.77
37780.17	414	159	400	0.121	66.04	12.75	18.54	96.5	0	12.76
37780.21	414	159	500	0.239	71.60	38.37	17.93	97.9	0	12.75
37780.25	414	159	600	0.210	72.80	12.73	18.41	95.6	69	12.76
37780.29	414	159	700	0.416	225.90	48.78	20.88	85.8	162	12.98
37780.33	414	159	800	1.409	225.10	18.88	22.03	81.4	281	13.22
37780.38	414	159	900	1.600	212.00	24.09	23.86	74.3	428	13.15
37780.42	414	159	1000	1.952	210.60	24.03	25.25	68.1	516	13.11
37780.46	414	159	1100	1.701	210.10	32.05	26.85	63.0	752	13.09
37780.50	414	159	1200	1.428	209.20	44.37	28.65	56.4	799	13.06
37780.54	414	159	1300	1.596	219.40	56.62	30.00	52.2	809	13.03
37780.58	414	159	1400	1.483	270.10	79.50	31.23	49.1	777	13.00
37780.63	414	159	1500	1.883	249.80	40.00	31.95	46.5	696	12.97
37780.67	414	159	1600	2.089	249.00	33.62	32.34	44.7	568	12.95
37780.71	414	159	1700	2.328	248.40	25.91	32.10	46.1	469	12.95
37780.75	414	159	1800	1.982	256.40	24.92	31.20	49.5	271	12.94
37780.79	414	159	1900	1.021	290.60	22.55	29.21	56.7	68	12.90
37780.83	414	159	2000	0.622	29.06	55.76	26.87	69.2	26	12.87
37780.88	414	159	2100	0.421	61.40	24.51	24.51	78.2	0	12.86
37780.92	414	159	2200	0.118	33.99	66.94	23.23	82.2	0	12.84
37780.96	414	159	2300	0.269	72.70	35.05	22.08	86.1	0	12.82

37781.00	414	159	2400	0.384	66.62	29.15	21.23	89.2	0	12.80
37781.04	414	160	100	0.267	61.20	23.45	20.60	92.3	0	12.79
37781.08	414	160	200	0.340	50.59	36.64	20.09	93.9	0	12.77
37781.13	414	160	300	0.231	62.15	31.14	19.59	94.7	0	12.76
37781.17	414	160	400	0.358	65.65	45.18	19.00	96.1	0	12.76
37781.21	414	160	500	0.366	68.96	29.64	18.42	97.5	1	12.75
37781.25	414	160	600	0.172	40.23	71.20	19.25	94.6	89	12.76
37781.29	414	160	700	0.350	208.30	61.98	21.62	82.1	168	13.03
37781.33	414	160	800	0.887	220.00	31.35	22.77	72.9	251	13.21
37781.38	414	160	900	1.192	209.60	32.32	24.29	65.0	418	13.14
37781.42	414	160	1000	1.344	215.00	46.12	25.69	60.0	511	13.09
37781.46	414	160	1100	1.307	242.70	55.56	27.35	54.1	749	13.08
37781.50	414	160	1200	1.362	233.20	55.31	29.18	49.0	797	13.05
37781.54	414	160	1300	2.187	243.20	38.37	30.19	48.0	808	13.03
37781.58	414	160	1400	2.322	222.60	56.30	31.13	41.2	750	13.00
37781.63	414	160	1500	2.183	233.60	45.36	31.72	35.5	678	12.98
37781.67	414	160	1600	2.501	227.80	40.24	31.58	29.4	559	12.97
37781.71	414	160	1700	2.330	238.20	32.06	31.06	29.7	376	12.97
37781.75	414	160	1800	2.085	238.80	29.63	30.34	29.9	281	12.97
37781.79	414	160	1900	1.388	276.00	25.94	28.53	37.8	69	12.91
37781.83	414	160	2000	0.732	38.91	59.38	24.95	56.1	16	12.88
37781.88	414	160	2100	0.617	64.65	50.67	21.95	71.3	0	12.86
37781.92	414	160	2200	0.429	4.83	65.30	20.58	79.2	0	12.84
37781.96	414	160	2300	0.301	57.22	44.35	19.59	83.0	0	12.82
37782.00	414	160	2400	0.429	67.57	59.98	18.61	84.7	0	12.80
37782.04	414	161	100	0.501	63.32	61.72	17.62	86.5	0	12.79
37782.08	414	161	200	0.480	65.24	21.56	17.11	86.7	0	12.77
37782.13	414	161	300	0.424	71.80	53.72	17.24	86.3	0	12.76
37782.17	414	161	400	0.164	102.90	75.30	17.92	85.0	0	12.75
37782.21	414	161	500	0.239	57.90	56.46	17.04	87.8	0	12.75
37782.25	414	161	600	0.236	91.80	45.75	16.68	87.8	63	12.75
37782.29	414	161	700	0.743	207.80	32.52	17.86	78.9	162	13.00
37782.33	414	161	800	1.145	235.90	61.29	19.55	67.4	298	13.27
37782.38	414	161	900	1.249	242.90	53.71	20.64	60.8	491	13.19
37782.42	414	161	1000	1.616	226.00	31.38	21.53	61.0	532	13.16
37782.46	414	161	1100	1.975	226.20	27.16	22.84	55.4	780	13.15
37782.50	414	161	1200	1.850	209.60	38.08	24.16	48.5	810	13.14
37782.54	414	161	1300	1.818	222.10	51.97	25.59	42.8	821	13.11
37782.58	414	161	1400	1.757	228.70	54.23	26.89	42.2	791	13.07
37782.63	414	161	1500	2.485	241.10	27.53	27.45	42.5	717	13.04
37782.67	414	161	1600	2.684	240.90	29.11	27.44	42.7	576	13.03
37782.71	414	161	1700	2.588	239.60	25.64	27.16	42.6	424	13.04
37782.75	414	161	1800	2.471	244.90	24.87	26.36	44.8	272	13.03
37782.79	414	161	1900	1.728	247.60	26.46	25.11	48.2	73	12.95
37782.83	414	161	2000	1.090	284.50	35.35	23.06	57.5	16	12.92
37782.88	414	161	2100	0.679	66.73	35.88	19.94	73.7	0	12.90
37782.92	414	161	2200	0.436	66.89	42.97	18.11	79.5	0	12.88
37782.96	414	161	2300	0.244	62.32	35.54	17.13	82.0	0	12.86
37783.00	414	161	2400	0.193	48.76	77.60	16.27	86.9	0	12.85
37783.04	414	162	100	0.133	51.04	59.03	15.57	89.4	0	12.84
37783.08	414	162	200	0.204	70.60	17.85	14.92	91.9	0	12.83
37783.13	414	162	300	0.337	73.10	17.93	14.14	94.3	0	12.82

37783.17	414	162	400	0.321	69.91	14.22	13.42	96.0	0	12.81
37783.21	414	162	500	0.304	75.00	13.57	13.03	96.6	0	12.80
37783.25	414	162	600	0.233	44.19	46.86	13.87	93.9	87	12.80
37783.29	414	162	700	0.513	159.20	65.24	16.75	80.8	173	13.05
37783.33	414	162	800	1.062	210.20	33.19	18.41	73.5	290	13.31
37783.38	414	162	900	1.551	217.40	30.96	19.96	68.1	448	13.23
37783.42	414	162	1000	1.294	209.90	48.37	21.64	61.3	514	13.18
37783.46	414	162	1100	1.416	221.10	40.14	23.22	55.8	760	13.16
37783.50	414	162	1200	1.360	240.10	55.09	25.00	49.7	804	13.13
37783.54	414	162	1300	1.886	245.50	55.69	26.29	46.5	817	13.10
37783.58	414	162	1400	2.321	250.10	35.53	27.05	42.6	781	13.08
37783.63	414	162	1500	2.452	240.50	35.05	27.59	41.1	698	13.05
37783.67	414	162	1600	2.243	236.60	36.29	27.83	39.9	568	13.04
37783.71	414	162	1700	2.729	238.30	24.82	27.25	40.4	425	13.04
37783.75	414	162	1800	2.584	250.80	24.51	26.39	42.3	278	13.03
37783.79	414	162	1900	1.691	261.30	23.44	24.83	46.4	72	12.96
37783.83	414	162	2000	0.825	307.40	70.60	23.03	57.0	15	12.93
37783.88	414	162	2100	0.697	77.50	24.26	20.09	72.9	0	12.91
37783.92	414	162	2200	0.294	44.97	47.32	19.42	77.6	0	12.89
37783.96	414	162	2300	0.495	50.50	82.50	18.30	83.2	0	12.87
37784.00	414	162	2400	0.289	67.30	53.28	17.90	84.4	0	12.86
37784.04	414	163	100	0.300	59.13	85.30	17.89	84.2	0	12.85
37784.08	414	163	200	0.583	211.60	52.37	18.46	79.7	0	12.85
37784.13	414	163	300	1.071	226.80	15.60	18.01	78.4	0	12.85
37784.17	414	163	400	1.067	235.10	23.95	17.08	78.7	0	12.84
37784.21	414	163	500	0.392	68.27	24.33	15.58	86.0	0	12.83
37784.25	414	163	600	0.248	210.90	66.62	15.22	87.8	76	12.83
37784.29	414	163	700	0.960	222.90	23.22	16.10	80.9	196	13.12
37784.33	414	163	800	1.146	221.70	24.27	17.45	75.9	270	13.33
37784.38	414	163	900	1.386	205.00	47.17	19.16	70.0	448	13.25
37784.42	414	163	1000	1.533	218.10	47.43	20.67	65.9	516	13.20
37784.46	414	163	1100	1.907	224.90	36.41	22.06	61.7	757	13.19
37784.50	414	163	1200	1.580	235.30	57.88	23.65	56.5	802	13.16
37784.54	414	163	1300	2.384	245.10	27.51	24.97	52.7	821	13.13
37784.58	414	163	1400	2.651	242.10	27.28	25.53	50.0	691	13.11
37784.63	414	163	1500	2.461	239.30	29.49	26.02	48.1	646	13.09
37784.67	414	163	1600	2.563	241.80	25.67	25.66	49.6	506	13.08
37784.71	414	163	1700	2.208	245.30	21.31	25.16	50.5	192	13.11
37784.75	414	163	1800	1.944	244.10	23.29	24.37	54.8	165	13.14
37784.79	414	163	1900	1.227	249.30	23.33	23.25	60.3	44	13.01
37784.83	414	163	2000	0.812	70.10	94.20	22.50	64.8	1	12.96
37784.88	414	163	2100	1.007	48.08	93.60	20.87	75.6	0	12.94
37784.92	414	163	2200	0.618	241.30	77.80	21.00	71.0	0	12.92
37784.96	414	163	2300	0.810	76.40	13.32	19.69	79.1	0	12.91
37785.00	414	163	2400	0.721	52.20	58.21	20.19	75.0	0	12.90
37785.04	414	164	100	0.335	283.70	97.60	19.56	77.9	0	12.89
37785.08	414	164	200	0.270	114.20	80.10	19.42	79.2	0	12.88
37785.13	414	164	300	0.630	262.10	27.39	19.17	77.6	0	12.88
37785.17	414	164	400	0.870	241.70	26.83	18.52	75.4	0	12.87
37785.21	414	164	500	0.823	248.40	30.88	17.48	77.2	2	12.87
37785.25	414	164	600	0.580	297.10	42.35	16.62	80.6	57	12.87
37785.29	414	164	700	1.013	249.40	42.90	16.64	79.2	134	13.10

37785.33	414	164	800	1.476	261.70	29.17	16.95	77.1	241	13.38
37785.38	414	164	900	1.498	234.80	54.35	18.15	72.8	417	13.32
37785.42	414	164	1000	1.319	269.10	65.31	20.09	66.7	473	13.26
37785.46	414	164	1100	1.165	217.40	72.00	22.40	59.7	757	13.20
37785.50	414	164	1200	1.671	218.10	43.59	23.79	56.3	796	13.17
37785.54	414	164	1300	1.741	231.30	45.65	25.09	51.5	810	13.13
37785.58	414	164	1400	2.168	235.60	42.79	26.09	46.6	758	13.10
37785.63	414	164	1500	2.279	245.50	31.64	26.82	44.2	665	13.08
37785.67	414	164	1600	2.295	238.50	30.82	26.86	42.8	485	13.07
37785.71	414	164	1700	2.173	236.10	26.89	26.87	41.9	412	13.07
37785.75	414	164	1800	1.615	241.80	36.09	26.88	40.3	279	13.06
37785.79	414	164	1900	1.130	263.90	49.11	25.77	44.1	75	12.99
37785.83	414	164	2000	0.771	28.35	58.53	22.61	57.7	20	12.96
37785.88	414	164	2100	0.572	52.70	43.52	19.60	68.4	0	12.94
37785.92	414	164	2200	0.235	36.95	75.90	17.94	77.0	0	12.92
37785.96	414	164	2300	0.305	63.13	33.43	16.72	82.0	0	12.90
37786.00	414	164	2400	0.323	58.37	59.61	16.04	83.9	0	12.89
37786.04	414	165	100	0.284	68.54	31.21	16.28	83.3	0	12.88
37786.08	414	165	200	0.332	73.00	24.73	15.51	85.7	0	12.87
37786.13	414	165	300	0.379	70.60	21.64	14.43	88.4	0	12.86
37786.17	414	165	400	0.441	67.31	64.92	13.66	90.5	0	12.85
37786.21	414	165	500	0.402	65.16	42.63	13.20	91.3	0	12.84
37786.25	414	165	600	0.211	56.42	34.95	14.22	88.4	80	12.83
37786.29	414	165	700	0.400	205.00	55.24	18.33	73.3	176	13.05
37786.33	414	165	800	1.119	290.60	79.20	20.61	63.0	276	13.29
37786.38	414	165	900	1.113	217.00	89.30	21.90	60.5	494	13.20
37786.42	414	165	1000	1.208	241.80	60.80	23.50	55.7	501	13.16
37786.46	414	165	1100	1.507	237.60	49.76	25.04	50.6	777	13.14
37786.50	414	165	1200	1.672	213.00	49.21	26.37	44.3	821	13.12
37786.54	414	165	1300	1.515	214.40	64.99	27.88	37.5	821	13.09
37786.58	414	165	1400	1.455	227.20	62.66	28.91	31.8	800	13.05
37786.63	414	165	1500	1.516	246.60	57.99	29.81	28.5	720	13.02
37786.67	414	165	1600	2.047	241.80	36.32	30.04	27.2	583	13.00
37786.71	414	165	1700	1.452	253.20	37.51	30.43	25.1	435	12.99
37786.75	414	165	1800	1.412	251.70	25.66	29.99	28.1	290	12.98
37786.79	414	165	1900	0.928	315.60	35.84	27.84	29.6	65	12.94
37786.83	414	165	2000	0.811	64.98	13.91	23.55	46.2	19	12.92
37786.88	414	165	2100	0.852	75.50	30.33	20.85	56.8	0	12.90
37786.92	414	165	2200	0.471	60.41	37.63	19.29	62.4	0	12.88
37786.96	414	165	2300	0.567	66.64	38.97	17.66	71.1	0	12.86
37787.00	414	165	2400	0.496	61.07	32.61	16.85	74.8	0	12.84
37787.04	414	166	100	0.391	69.74	9.06	16.13	79.3	0	12.83
37787.08	414	166	200	0.426	66.18	19.85	15.63	82.5	0	12.82
37787.13	414	166	300	0.501	71.60	15.19	15.47	84.6	0	12.82
37787.17	414	166	400	0.466	67.96	14.42	15.10	86.9	0	12.82
37787.21	414	166	500	0.428	72.60	14.05	14.27	89.0	0	12.81
37787.25	414	166	600	0.470	69.89	27.67	14.85	87.4	79	12.81
37787.29	414	166	700	0.399	216.10	59.77	18.81	70.4	178	13.00
37787.33	414	166	800	0.490	194.10	76.10	21.89	55.5	278	13.26
37787.38	414	166	900	0.810	211.20	48.02	24.19	50.0	469	13.15
37787.42	414	166	1000	0.961	201.50	47.05	26.66	43.6	500	13.09
37787.46	414	166	1100	1.651	202.40	48.62	28.93	36.2	782	13.07

37787.50	414	166	1200	1.403	225.70	61.37	30.92	30.9	821	13.05
37787.54	414	166	1300	1.897	238.80	45.04	31.96	27.8	821	13.02
37787.58	414	166	1400	1.811	244.60	56.89	32.94	23.0	801	12.99
37787.63	414	166	1500	1.602	237.40	79.40	33.64	19.5	729	12.97
37787.67	414	166	1600	1.741	239.00	34.40	33.74	19.7	591	12.94
37787.71	414	166	1700	1.422	233.20	28.13	33.79	16.8	447	12.94
37787.75	414	166	1800	0.996	269.40	57.82	33.07	21.6	298	12.92
37787.79	414	166	1900	0.578	37.28	35.58	29.39	29.9	70	12.90
37787.83	414	166	2000	0.256	74.50	42.88	25.22	39.1	25	12.88
37787.88	414	166	2100	0.326	61.11	56.74	22.18	52.4	0	12.86
37787.92	414	166	2200	0.394	68.24	25.60	20.18	57.2	0	12.84
37787.96	414	166	2300	0.592	67.85	16.42	18.74	60.3	0	12.83
37788.00	414	166	2400	0.443	65.71	21.63	17.62	65.0	0	12.82
37788.04	414	167	100	0.420	74.30	32.02	16.81	69.0	0	12.80
37788.08	414	167	200	0.665	66.33	55.48	16.19	71.9	0	12.80
37788.13	414	167	300	0.515	52.61	54.31	15.77	75.1	0	12.79
37788.17	414	167	400	0.517	63.04	45.99	15.30	77.5	0	12.78
37788.21	414	167	500	0.519	68.33	58.71	14.93	80.6	0	12.78
37788.25	414	167	600	0.528	67.92	57.58	15.77	80.7	80	12.77
37788.29	414	167	700	0.367	148.70	77.80	20.46	69.0	180	12.96
37788.33	414	167	800	0.452	204.80	48.05	25.09	47.9	297	13.21
37788.38	414	167	900	0.721	195.70	53.19	28.43	40.5	455	13.09
37788.42	414	167	1000	1.163	262.40	67.95	31.46	28.5	496	13.02
37788.46	414	167	1100	0.924	259.50	85.90	33.24	25.5	778	13.00
37788.50	414	167	1200	1.319	261.40	66.44	34.97	24.0	821	12.97
37788.54	414	167	1300	1.907	261.00	37.81	35.97	21.4	821	12.95
37788.58	414	167	1400	1.759	243.50	41.79	37.26	19.8	797	12.93
37788.63	414	167	1500	1.653	250.00	49.80	38.01	18.8	720	12.91
37788.67	414	167	1600	1.487	255.00	56.08	38.29	18.6	580	12.90
37788.71	414	167	1700	1.067	263.80	44.45	38.64	18.5	432	12.89
37788.75	414	167	1800	0.688	315.20	45.11	37.67	23.6	289	12.88
37788.79	414	167	1900	0.507	51.47	39.49	33.15	33.0	68	12.87
37788.83	414	167	2000	0.138	8.16	74.40	28.58	41.0	22	12.85
37788.88	414	167	2100	0.812	50.68	65.61	25.20	52.1	0	12.84
37788.92	414	167	2200	0.774	70.40	36.56	23.40	58.5	0	12.82
37788.96	414	167	2300	0.387	42.94	61.70	22.49	68.0	0	12.81
37789.00	414	167	2400	0.574	67.96	29.14	21.38	72.3	0	12.79
37789.04	414	168	100	0.453	59.49	28.09	20.63	74.5	0	12.79
37789.08	414	168	200	0.520	66.86	19.59	19.71	77.9	0	12.78
37789.13	414	168	300	0.460	67.68	16.03	19.00	81.0	0	12.77
37789.17	414	168	400	0.425	66.26	16.79	18.60	82.4	0	12.77
37789.21	414	168	500	0.526	69.44	18.11	18.14	83.4	0	12.76
37789.25	414	168	600	0.351	78.90	32.74	18.97	82.5	78	12.76
37789.29	414	168	700	0.252	157.40	68.84	22.92	67.0	169	12.92
37789.33	414	168	800	0.552	194.80	31.97	26.40	54.9	291	13.16
37789.38	414	168	900	1.252	214.40	27.87	28.24	51.0	445	13.07
37789.42	414	168	1000	1.828	220.60	25.72	29.88	43.1	494	13.03
37789.46	414	168	1100	1.188	211.00	48.69	31.69	34.0	759	13.01
37789.50	414	168	1200	1.457	217.20	32.26	32.97	32.1	800	12.98
37789.54	414	168	1300	1.293	245.50	56.92	34.42	30.2	813	12.96
37789.58	414	168	1400	1.159	218.00	84.50	35.36	29.1	778	12.93
37789.63	414	168	1500	1.790	248.20	44.51	36.07	28.2	696	12.90

37789.67	414	168	1600	2.066	243.70	29.28	36.45	27.4	562	12.89
37789.71	414	168	1700	2.360	250.30	24.01	35.91	28.7	419	12.89
37789.75	414	168	1800	2.250	250.00	22.55	34.64	31.2	276	12.88
37789.79	414	168	1900	1.386	267.20	38.28	32.96	30.2	72	12.85
37789.83	414	168	2000	0.814	71.70	40.13	28.48	46.9	17	12.83
37789.88	414	168	2100	0.662	69.16	38.37	25.75	56.2	0	12.82
37789.92	414	168	2200	0.445	56.92	53.72	24.27	64.0	0	12.80
37789.96	414	168	2300	0.479	45.95	64.76	23.22	71.3	0	12.79
37790.00	414	168	2400	0.552	71.30	50.51	22.40	74.4	0	12.78
37790.04	414	169	100	0.585	66.68	25.09	21.55	76.8	0	12.77
37790.08	414	169	200	0.394	63.15	32.84	20.72	79.6	0	12.77
37790.13	414	169	300	0.432	60.02	32.47	19.57	81.2	0	12.76
37790.17	414	169	400	0.520	57.16	41.48	18.88	82.3	0	12.76
37790.21	414	169	500	0.468	56.62	48.13	18.19	83.0	0	12.75
37790.25	414	169	600	0.467	71.70	30.69	18.45	81.4	76	12.75
37790.29	414	169	700	0.402	222.40	66.69	21.97	67.0	170	12.92
37790.33	414	169	800	1.343	233.10	26.65	24.02	51.1	307	13.18
37790.38	414	169	900	1.205	227.80	62.29	25.41	46.2	529	13.11
37790.42	414	169	1000	1.626	235.80	49.58	26.56	45.3	553	13.06
37790.46	414	169	1100	1.744	228.70	51.59	27.66	43.3	752	13.05
37790.50	414	169	1200	1.924	232.60	34.09	28.71	41.4	577	13.03
37790.54	414	169	1300	2.250	233.60	26.23	28.35	43.8	591	13.04
37790.58	414	169	1400	1.433	238.00	58.25	29.15	41.3	634	13.02
37790.63	414	169	1500	1.891	244.10	40.64	30.48	37.0	717	12.99
37790.67	414	169	1600	2.580	240.30	27.11	30.48	36.2	562	12.98
37790.71	414	169	1700	1.903	230.50	38.74	30.36	36.9	431	12.98
37790.75	414	169	1800	1.213	178.50	73.90	30.28	34.4	272	12.97
37790.79	414	169	1900	1.054	276.00	40.80	28.55	44.4	75	12.91
37790.83	414	169	2000	1.128	294.50	23.14	26.37	55.1	17	12.88
37790.88	414	169	2100	0.770	31.43	82.80	24.58	64.5	0	12.86
37790.92	414	169	2200	0.816	73.20	34.30	22.71	71.9	0	12.83
37790.96	414	169	2300	0.505	75.80	47.70	21.97	75.0	0	12.81
37791.00	414	169	2400	0.600	50.05	51.31	20.68	79.3	0	12.80
37791.04	414	170	100	0.474	61.30	45.55	19.48	82.9	0	12.78
37791.08	414	170	200	0.468	21.73	87.10	18.71	86.8	0	12.77
37791.13	414	170	300	0.480	52.51	56.47	18.00	88.6	0	12.76
37791.17	414	170	400	0.426	57.60	72.60	17.06	92.3	0	12.75
37791.21	414	170	500	0.324	74.40	39.17	16.45	92.6	0	12.75
37791.25	414	170	600	0.421	53.74	64.67	16.84	91.6	87	12.75
37791.29	414	170	700	0.497	194.90	57.08	19.66	76.2	174	13.00
37791.33	414	170	800	0.987	202.10	32.34	21.38	63.0	292	13.25
37791.38	414	170	900	1.364	210.90	39.07	22.46	58.8	449	13.17
37791.42	414	170	1000	1.391	213.70	53.50	23.76	54.7	498	13.13
37791.46	414	170	1100	1.725	225.70	35.90	25.11	50.2	766	13.12
37791.50	414	170	1200	1.590	212.80	42.06	26.54	46.5	803	13.09
37791.54	414	170	1300	2.073	230.40	44.70	27.70	44.8	808	13.07
37791.58	414	170	1400	2.433	227.80	26.67	28.55	43.2	780	13.04
37791.63	414	170	1500	2.169	221.60	57.47	29.27	37.4	689	13.02
37791.67	414	170	1600	2.822	232.60	32.47	29.02	38.2	554	13.01
37791.71	414	170	1700	2.752	237.30	31.60	28.35	42.0	383	13.03
37791.75	414	170	1800	2.340	234.30	32.04	27.41	44.8	169	13.04
37791.79	414	170	1900	2.136	237.40	36.41	26.68	47.1	94	12.98

37791.83	414	170	2000	1.944	243.30	34.50	25.35	48.5	17	12.92
37791.88	414	170	2100	0.826	121.80	93.80	23.85	27.3	0	12.89
37791.92	414	170	2200	0.824	74.60	23.49	19.68	42.5	0	12.87
37791.96	414	170	2300	0.845	60.66	51.75	17.93	47.1	0	12.86
37792.00	414	170	2400	0.564	70.10	17.51	16.59	54.2	0	12.84
37792.04	414	171	100	0.534	62.91	41.74	15.69	61.1	0	12.83
37792.08	414	171	200	0.472	67.46	48.73	14.86	68.8	0	12.81
37792.13	414	171	300	0.403	73.40	28.21	14.44	73.6	0	12.80
37792.17	414	171	400	0.362	79.00	43.67	13.93	76.7	0	12.79
37792.21	414	171	500	0.332	72.70	28.96	12.99	79.8	0	12.78
37792.25	414	171	600	0.285	69.96	50.26	13.54	77.0	67	12.77
37792.29	414	171	700	0.254	65.80	80.00	17.12	63.0	168	13.01
37792.33	414	171	800	0.422	306.40	93.00	20.63	39.0	283	13.31
37792.38	414	171	900	0.971	160.60	59.90	21.92	42.6	497	13.19
37792.42	414	171	1000	1.070	165.40	90.10	23.17	45.1	506	13.14
37792.46	414	171	1100	1.511	214.30	54.09	24.40	43.9	793	13.13
37792.50	414	171	1200	1.772	224.10	52.19	25.79	36.8	843	13.12
37792.54	414	171	1300	1.755	228.00	46.86	26.71	29.6	865	13.10
37792.58	414	171	1400	1.512	222.00	50.51	27.90	20.3	816	13.06
37792.63	414	171	1500	1.714	244.90	79.00	28.51	16.3	745	13.02
37792.67	414	171	1600	1.632	241.80	55.66	28.97	17.2	605	13.00
37792.71	414	171	1700	1.734	243.40	48.94	29.04	18.0	450	13.00
37792.75	414	171	1800	1.870	238.60	28.33	28.49	22.4	297	12.99
37792.79	414	171	1900	2.379	241.40	33.00	27.01	29.8	78	12.93
37792.83	414	171	2000	2.106	240.30	27.24	25.35	39.5	16	12.91
37792.88	414	171	2100	1.162	260.40	44.23	23.94	36.2	0	12.89
37792.92	414	171	2200	0.686	72.40	36.12	20.53	44.8	0	12.87
37792.96	414	171	2300	0.442	83.30	60.07	19.98	48.9	0	12.86
37793.00	414	171	2400	0.684	77.40	23.26	19.34	50.2	0	12.84
37793.04	414	172	100	0.493	71.10	33.41	18.52	53.4	0	12.83
37793.08	414	172	200	0.453	77.40	36.73	17.68	57.4	0	12.82
37793.13	414	172	300	0.492	65.62	25.00	16.79	60.4	0	12.80
37793.17	414	172	400	0.422	66.16	69.20	15.90	64.6	0	12.79
37793.21	414	172	500	0.458	67.58	43.01	15.10	70.0	0	12.78
37793.25	414	172	600	0.630	77.20	32.69	14.80	71.5	93	12.80
37793.29	414	172	700	0.652	81.30	86.70	17.53	61.7	173	13.03
37793.33	414	172	800	1.271	248.30	49.52	18.83	58.5	291	13.30
37793.38	414	172	900	1.330	209.00	53.89	20.09	53.0	473	13.22
37793.42	414	172	1000	1.402	230.10	48.94	21.59	47.9	512	13.18
37793.46	414	172	1100	1.555	212.00	43.74	23.40	42.4	792	13.16
37793.50	414	172	1200	1.553	240.80	68.10	24.82	38.2	838	13.14
37793.54	414	172	1300	1.635	206.90	61.95	25.87	32.9	884	13.11
37793.58	414	172	1400	1.538	238.60	58.36	27.03	25.9	821	13.07
37793.63	414	172	1500	2.019	220.70	36.74	27.76	20.8	746	13.04
37793.67	414	172	1600	1.594	249.60	50.22	28.20	20.9	601	13.02
37793.71	414	172	1700	1.218	256.10	56.69	28.62	18.7	455	13.01
37793.75	414	172	1800	0.999	237.90	48.00	28.53	21.4	301	12.99
37793.79	414	172	1900	1.284	271.70	25.24	26.75	28.4	77	12.95
37793.83	414	172	2000	1.177	263.50	45.66	24.89	37.0	18	12.92
37793.88	414	172	2100	0.563	55.66	81.20	23.74	42.2	0	12.90
37793.92	414	172	2200	0.548	89.30	62.85	22.45	42.9	0	12.88
37793.96	414	172	2300	0.673	62.70	48.23	19.31	47.6	0	12.87

37794.00	414	172	2400	0.744	56.85	47.55	17.04	56.1	0	12.85
37794.04	414	173	100	0.584	64.26	35.10	15.24	65.6	0	12.83
37794.08	414	173	200	0.330	63.19	46.63	14.41	71.9	0	12.82
37794.13	414	173	300	0.345	70.40	30.50	13.46	77.3	0	12.80
37794.17	414	173	400	0.304	71.70	32.39	13.15	78.7	0	12.79
37794.21	414	173	500	0.484	68.53	16.35	12.39	80.7	0	12.77
37794.25	414	173	600	0.257	86.50	43.50	13.20	77.9	66	12.80
37794.29	414	173	700	0.422	208.70	38.49	15.74	69.6	176	13.23
37794.33	414	173	800	0.561	205.40	63.84	18.93	52.0	291	13.35
37794.38	414	173	900	1.270	233.80	48.71	21.69	42.6	469	13.22
37794.42	414	173	1000	1.394	277.90	73.30	23.53	36.3	472	13.16
37794.46	414	173	1100	1.754	259.40	64.01	24.62	34.9	787	13.15
37794.50	414	173	1200	2.138	258.20	44.52	25.56	32.9	856	13.13
37794.54	414	173	1300	2.249	247.50	45.39	26.33	29.9	884	13.12
37794.58	414	173	1400	1.827	236.10	52.53	27.05	25.2	816	13.08
37794.63	414	173	1500	1.772	248.30	57.22	27.68	19.3	756	13.05
37794.67	414	173	1600	1.400	224.00	67.25	28.18	14.8	617	13.02
37794.71	414	173	1700	1.148	100.00	97.20	28.30	14.8	459	13.01
37794.75	414	173	1800	0.834	358.40	68.71	28.39	16.8	305	12.99
37794.79	414	173	1900	0.776	17.96	39.38	26.04	28.2	73	12.95
37794.83	414	173	2000	0.205	355.30	97.90	22.90	43.1	17	12.93
37794.88	414	173	2100	0.249	50.48	92.70	21.08	51.0	0	12.90
37794.92	414	173	2200	0.175	263.70	77.30	19.12	56.7	0	12.88
37794.96	414	173	2300	0.519	70.00	32.80	16.85	58.0	0	12.87
37795.00	414	173	2400	0.541	69.84	45.43	15.33	61.8	0	12.85
37795.04	414	174	100	0.357	63.44	32.72	14.40	62.9	0	12.83
37795.08	414	174	200	0.494	74.00	26.57	13.19	66.8	0	12.82
37795.13	414	174	300	0.518	63.61	35.70	11.93	72.2	0	12.80
37795.17	414	174	400	0.498	68.55	40.86	11.27	74.5	0	12.78
37795.21	414	174	500	0.498	54.17	53.71	10.69	76.4	0	12.76
37795.25	414	174	600	0.287	56.51	52.69	11.23	75.9	73	12.75
37795.29	414	174	700	0.399	297.40	80.10	15.44	57.9	189	12.99
37795.33	414	174	800	0.551	179.50	82.70	19.18	44.3	292	13.34
37795.38	414	174	900	1.528	304.60	68.10	22.09	36.1	530	13.22
37795.42	414	174	1000	1.875	324.30	73.00	23.23	33.5	533	13.18
37795.46	414	174	1100	1.798	265.90	70.70	24.58	30.5	808	13.16
37795.50	414	174	1200	2.001	263.80	90.90	25.81	28.1	887	13.14
37795.54	414	174	1300	2.130	272.20	60.81	26.67	28.4	889	13.12
37795.58	414	174	1400	2.251	276.10	60.41	26.94	28.7	816	13.09
37795.63	414	174	1500	2.316	281.50	60.24	27.10	27.1	765	13.06
37795.67	414	174	1600	1.728	309.50	94.10	27.12	23.6	623	13.04
37795.71	414	174	1700	1.696	287.90	90.10	26.92	21.9	480	13.04
37795.75	414	174	1800	2.550	61.80	25.54	24.23	30.5	234	13.03
37795.79	414	174	1900	1.662	39.29	32.22	23.64	31.3	70	12.96
37795.83	414	174	2000	1.535	27.79	27.35	21.77	35.6	15	12.93
37795.88	414	174	2100	1.155	19.54	35.55	20.53	37.2	0	12.90
37795.92	414	174	2200	1.280	4.67	33.90	20.05	37.2	0	12.88
37795.96	414	174	2300	0.886	54.45	45.41	18.68	41.1	0	12.87
37796.00	414	174	2400	1.167	43.38	32.48	17.31	46.1	0	12.86
37796.04	414	175	100	1.635	22.13	33.40	17.56	44.4	0	12.84
37796.08	414	175	200	0.778	351.30	59.70	16.12	52.0	0	12.83
37796.13	414	175	300	1.012	70.20	17.75	12.53	67.9	0	12.81

37796.17	414	175	400	0.629	49.54	46.08	11.83	71.0	0	12.79
37796.21	414	175	500	0.590	59.81	45.13	11.13	75.0	0	12.77
37796.25	414	175	600	1.358	357.30	46.71	15.45	54.5	71	12.76
37796.29	414	175	700	1.275	328.90	45.60	19.03	43.8	189	12.96
37796.33	414	175	800	1.284	288.20	69.52	21.22	38.3	294	13.29
37796.38	414	175	900	1.401	313.60	70.70	22.77	34.7	508	13.20
37796.42	414	175	1000	1.879	321.50	68.06	24.17	32.0	529	13.16
37796.46	414	175	1100	2.114	314.60	72.60	26.44	27.6	804	13.15
37796.50	414	175	1200	1.969	333.50	75.60	28.00	24.2	883	13.12
37796.54	414	175	1300	1.817	295.10	77.10	29.57	20.6	903	13.09
37796.58	414	175	1400	2.033	295.20	90.50	30.23	16.9	823	13.05
37796.63	414	175	1500	2.347	269.70	58.90	30.33	14.5	751	13.02
37796.67	414	175	1600	1.843	281.90	83.30	31.09	13.2	618	13.01
37796.71	414	175	1700	1.516	257.90	94.60	31.18	12.9	465	12.99
37796.75	414	175	1800	1.445	58.22	57.69	31.09	12.6	314	12.97
37796.79	414	175	1900	0.802	26.42	58.40	28.98	19.2	72	12.94
37796.83	414	175	2000	0.768	60.40	34.97	24.34	33.6	19	12.91
37796.88	414	175	2100	0.419	93.00	63.33	21.00	43.5	0	12.89
37796.92	414	175	2200	0.475	54.41	59.63	18.62	45.5	0	12.86
37796.96	414	175	2300	0.626	73.90	39.63	16.47	50.1	0	12.84
37797.00	414	175	2400	0.606	70.50	37.93	15.61	53.6	0	12.82
37797.04	414	176	100	0.581	72.80	33.74	14.78	56.9	0	12.80
37797.08	414	176	200	0.546	71.40	44.30	14.34	58.4	0	12.78
37797.13	414	176	300	0.708	57.35	77.80	13.96	59.6	0	12.77
37797.17	414	176	400	0.700	64.02	54.63	13.65	59.4	0	12.76
37797.21	414	176	500	0.734	74.20	49.27	13.30	60.5	0	12.76
37797.25	414	176	600	0.624	64.13	48.80	14.11	60.6	74	12.76
37797.29	414	176	700	0.285	169.40	81.10	18.86	55.8	188	12.95
37797.33	414	176	800	0.249	214.50	100.20	24.43	33.7	296	13.25
37797.38	414	176	900	0.631	84.90	55.29	27.24	31.2	496	13.12
37797.42	414	176	1000	0.868	197.80	57.54	29.72	26.3	515	13.05
37797.46	414	176	1100	1.988	252.20	34.68	31.65	21.7	797	13.02
37797.50	414	176	1200	1.809	266.30	57.50	32.76	17.9	837	13.01
37797.54	414	176	1300	2.189	268.30	51.16	33.34	17.5	856	12.99
37797.58	414	176	1400	2.207	251.00	59.79	34.21	17.4	809	12.97
37797.63	414	176	1500	1.859	271.30	65.55	34.91	16.6	737	12.94
37797.67	414	176	1600	2.239	256.70	41.84	35.04	15.6	602	12.93
37797.71	414	176	1700	1.776	274.00	45.72	35.29	14.5	455	12.92
37797.75	414	176	1800	1.287	263.10	35.22	35.11	14.7	309	12.90
37797.79	414	176	1900	0.809	326.40	60.63	31.73	22.9	71	12.87
37797.83	414	176	2000	0.720	58.87	28.17	26.46	32.6	19	12.85
37797.88	414	176	2100	0.189	69.37	47.52	23.23	44.0	0	12.83
37797.92	414	176	2200	0.425	68.86	28.41	20.79	50.3	0	12.81
37797.96	414	176	2300	0.645	67.86	27.66	19.10	54.1	0	12.80
37798.00	414	176	2400	0.585	65.09	24.53	18.07	56.2	0	12.79
37798.04	414	177	100	0.786	69.07	26.35	17.25	55.2	0	12.77
37798.08	414	177	200	0.707	67.92	28.25	16.67	53.8	0	12.77
37798.13	414	177	300	0.615	68.72	40.44	16.03	56.5	0	12.76
37798.17	414	177	400	0.615	68.04	32.22	15.43	58.9	0	12.76
37798.21	414	177	500	0.574	69.06	28.12	14.89	60.9	0	12.75
37798.25	414	177	600	0.395	68.34	33.82	15.51	63.3	72	12.74
37798.29	414	177	700	0.206	117.50	65.90	20.63	56.9	186	12.91

37798.33	414	177	800	0.372	169.00	40.54	26.29	38.1	308	13.20
37798.38	414	177	900	0.494	191.70	33.83	29.75	27.0	466	13.07
37798.42	414	177	1000	1.181	209.00	30.25	32.34	25.0	508	13.00
37798.46	414	177	1100	1.531	255.10	62.76	34.88	18.3	794	12.97
37798.50	414	177	1200	1.674	265.40	55.66	36.19	16.3	822	12.95
37798.54	414	177	1300	1.791	271.20	69.37	37.24	13.9	829	12.93
37798.58	414	177	1400	1.771	251.40	48.60	38.03	13.3	808	12.91
37798.63	414	177	1500	1.836	256.90	52.27	38.25	13.8	735	12.89
37798.67	414	177	1600	1.198	265.70	63.62	38.79	13.8	598	12.87
37798.71	414	177	1700	1.770	259.80	27.53	38.30	14.2	450	12.87
37798.75	414	177	1800	1.497	257.80	25.87	37.53	15.7	304	12.86
37798.79	414	177	1900	0.662	11.05	55.51	34.07	23.0	72	12.85
37798.83	414	177	2000	0.509	51.02	39.48	28.75	30.2	16	12.83
37798.88	414	177	2100	0.134	93.10	36.70	25.37	40.9	0	12.81
37798.92	414	177	2200	0.560	62.64	34.50	22.75	45.4	0	12.80
37798.96	414	177	2300	0.537	70.60	26.51	21.37	48.0	0	12.78
37799.00	414	177	2400	0.582	65.88	18.34	20.09	51.7	0	12.77
37799.04	414	178	100	0.621	66.39	17.92	19.23	54.2	0	12.76
37799.08	414	178	200	0.619	67.71	23.11	18.60	56.8	0	12.76
37799.13	414	178	300	0.700	65.68	14.80	17.91	59.0	0	12.75
37799.17	414	178	400	0.574	66.01	16.02	17.39	61.0	0	12.74
37799.21	414	178	500	0.611	72.50	15.83	16.67	64.5	0	12.74
37799.25	414	178	600	0.754	58.73	56.43	17.19	65.5	70	12.73
37799.29	414	178	700	0.366	132.50	75.00	21.81	59.1	183	12.88
37799.33	414	178	800	0.464	182.60	62.68	27.02	39.5	306	13.17
37799.38	414	178	900	0.689	206.70	30.14	30.21	29.7	435	13.05
37799.42	414	178	1000	1.236	227.90	27.87	32.84	28.4	501	12.98
37799.46	414	178	1100	1.043	212.40	41.52	35.41	22.5	787	12.95
37799.50	414	178	1200	1.119	209.20	89.20	37.41	18.8	821	12.92
37799.54	414	178	1300	1.288	236.60	82.10	38.83	15.3	822	12.90
37799.58	414	178	1400	1.394	262.00	66.16	40.02	12.7	807	12.88
37799.63	414	178	1500	1.467	224.40	51.73	40.36	11.8	736	12.86
37799.67	414	178	1600	1.516	244.30	51.86	40.44	11.7	598	12.85
37799.71	414	178	1700	0.918	264.80	71.30	40.70	11.9	458	12.85
37799.75	414	178	1800	0.914	36.66	42.16	39.26	15.5	309	12.84
37799.79	414	178	1900	0.268	71.10	47.23	34.96	23.6	74	12.83
37799.83	414	178	2000	0.254	76.50	70.70	29.67	30.0	14	12.82
37799.88	414	178	2100	0.463	66.80	50.29	26.00	39.3	0	12.80
37799.92	414	178	2200	0.536	63.89	29.73	24.17	44.5	0	12.78
37799.96	414	178	2300	0.608	72.30	39.16	22.91	49.2	0	12.77
37800.00	414	178	2400	0.537	66.54	27.12	21.83	52.6	0	12.76
37800.04	414	179	100	0.646	73.20	14.03	20.88	54.6	0	12.75
37800.08	414	179	200	0.725	70.00	20.17	20.08	56.1	0	12.75
37800.13	414	179	300	0.608	69.22	36.92	19.46	58.4	0	12.74
37800.17	414	179	400	0.599	66.21	30.27	18.62	61.7	0	12.73
37800.21	414	179	500	0.507	66.83	35.90	18.06	64.1	0	12.73
37800.25	414	179	600	0.498	73.50	24.80	18.63	66.0	72	12.72
37800.29	414	179	700	0.260	134.00	77.20	23.17	58.7	180	12.85
37800.33	414	179	800	0.438	195.60	40.94	28.18	42.0	298	13.13
37800.38	414	179	900	0.715	200.30	30.29	30.95	28.7	441	13.02
37800.42	414	179	1000	1.332	215.30	25.58	32.93	29.0	500	12.97
37800.46	414	179	1100	1.608	218.50	22.04	35.15	23.1	782	12.95

37800.50	414	179	1200	1.501	216.20	28.77	36.60	20.3	820	12.92
37800.54	414	179	1300	1.604	227.40	42.44	37.90	18.8	820	12.90
37800.58	414	179	1400	2.374	237.80	37.40	38.50	18.6	793	12.88
37800.63	414	179	1500	2.282	236.30	29.40	38.64	18.7	722	12.87
37800.67	414	179	1600	1.693	226.50	49.94	38.87	19.2	583	12.86
37800.71	414	179	1700	1.427	233.00	53.62	38.69	18.9	445	12.85
37800.75	414	179	1800	1.930	240.80	30.03	37.72	17.2	302	12.84
37800.79	414	179	1900	1.278	289.40	30.57	35.02	23.1	74	12.82
37800.83	414	179	2000	0.808	56.55	48.33	29.53	38.2	6	12.80
37800.88	414	179	2100	0.398	42.49	66.09	25.93	46.4	0	12.79
37800.92	414	179	2200	0.662	32.96	76.20	23.59	52.7	0	12.77
37800.96	414	179	2300	0.573	59.74	63.98	22.02	53.7	0	12.76
37801.00	414	179	2400	0.566	71.00	41.84	20.66	56.9	0	12.75
37801.04	414	180	100	0.531	64.96	46.93	19.84	58.4	0	12.74
37801.08	414	180	200	0.546	55.70	63.69	18.74	62.9	0	12.73
37801.13	414	180	300	0.482	69.60	56.71	17.95	66.7	0	12.72
37801.17	414	180	400	0.455	72.80	24.79	17.32	71.2	0	12.72
37801.21	414	180	500	0.409	74.00	29.97	16.69	72.8	0	12.71
37801.25	414	180	600	0.637	62.64	43.08	17.20	71.0	89	12.71
37801.29	414	180	700	0.404	331.10	88.50	21.04	60.6	182	12.85
37801.33	414	180	800	0.969	222.50	49.25	25.15	45.5	294	13.18
37801.38	414	180	900	1.482	266.30	52.79	27.17	32.6	537	13.09
37801.42	414	180	1000	1.512	222.30	46.82	27.99	30.5	538	13.05
37801.46	414	180	1100	1.191	214.10	72.60	29.48	27.1	796	13.03
37801.50	414	180	1200	2.378	236.50	41.01	31.27	22.3	875	13.01
37801.54	414	180	1300	2.809	238.10	34.03	32.48	17.3	903	13.00
37801.58	414	180	1400	2.848	240.60	35.24	33.44	14.1	836	12.98
37801.63	414	180	1500	3.149	243.50	27.39	33.93	12.9	757	12.95
37801.67	414	180	1600	2.747	230.90	39.32	34.04	14.6	620	12.94
37801.71	414	180	1700	2.867	239.80	30.38	33.75	15.6	467	12.94
37801.75	414	180	1800	1.987	236.00	46.01	33.54	15.1	317	12.91
37801.79	414	180	1900	1.310	246.60	50.90	32.49	16.3	76	12.87
37801.83	414	180	2000	0.797	64.10	77.50	29.39	22.5	5	12.85
37801.88	414	180	2100	1.016	89.60	44.57	28.62	21.1	0	12.83
37801.92	414	180	2200	1.409	96.00	37.43	28.56	21.2	0	12.81
37801.96	414	180	2300	1.168	336.70	74.00	26.56	25.1	0	12.80
37802.00	414	180	2400	0.877	54.42	54.26	21.58	38.5	0	12.78
37802.04	414	181	100	0.699	56.48	56.25	19.09	47.7	0	12.76
37802.08	414	181	200	0.798	58.38	66.99	18.13	51.9	0	12.74
37802.13	414	181	300	0.461	63.41	36.82	17.04	56.1	0	12.73
37802.17	414	181	400	0.251	57.12	38.04	15.73	64.9	0	12.72
37802.21	414	181	500	0.313	73.00	17.47	14.84	70.6	0	12.71
37802.25	414	181	600	0.261	69.09	20.87	15.46	70.5	72	12.70
37802.29	414	181	700	0.172	218.10	36.43	20.16	59.6	186	12.85
37802.33	414	181	800	0.824	273.50	89.50	23.96	42.5	289	13.20
37802.38	414	181	900	0.991	277.80	93.30	25.29	37.9	508	13.11
37802.42	414	181	1000	1.202	262.00	71.80	26.48	35.3	539	13.07
37802.46	414	181	1100	2.101	229.90	35.00	27.56	32.6	796	13.06
37802.50	414	181	1200	1.801	209.50	51.74	28.63	29.8	856	13.05
37802.54	414	181	1300	1.887	273.60	52.34	29.98	26.8	866	13.03
37802.58	414	181	1400	2.404	245.10	30.51	31.13	23.0	816	13.00
37802.63	414	181	1500	2.679	240.90	30.87	31.64	20.4	752	12.98

37802.67	414	181	1600	2.568	248.30	28.58	31.93	17.1	622	12.97
37802.71	414	181	1700	2.485	248.60	24.57	31.69	17.7	468	12.96
37802.75	414	181	1800	2.378	245.20	26.43	30.99	17.7	321	12.94
37802.79	414	181	1900	1.737	255.40	35.04	29.52	24.7	78	12.89
37802.83	414	181	2000	1.036	10.49	83.80	26.43	33.6	4	12.87
37802.88	414	181	2100	0.685	47.83	66.38	22.39	44.1	0	12.84
37802.92	414	181	2200	0.500	47.06	67.15	20.02	50.0	0	12.82
37802.96	414	181	2300	0.633	66.02	36.73	18.26	53.2	0	12.80
37803.00	414	181	2400	0.630	63.68	47.42	17.02	55.9	0	12.79
37803.04	414	182	100	0.424	68.14	31.62	15.91	59.2	0	12.77
37803.08	414	182	200	0.557	73.30	24.15	14.88	62.3	0	12.76
37803.13	414	182	300	0.464	80.50	58.35	14.20	64.4	0	12.74
37803.17	414	182	400	0.545	69.17	54.12	13.37	67.6	0	12.73
37803.21	414	182	500	0.293	72.70	26.35	12.59	74.2	0	12.71
37803.25	414	182	600	0.373	66.17	54.90	13.54	73.5	76	12.70
37803.29	414	182	700	0.372	197.40	45.86	17.92	58.6	184	12.89
37803.33	414	182	800	0.977	324.70	89.90	21.22	46.3	278	13.27
37803.38	414	182	900	1.274	323.20	70.70	22.48	40.6	497	13.18
37803.42	414	182	1000	1.336	275.70	93.00	23.63	36.6	547	13.13
37803.46	414	182	1100	1.569	236.60	58.43	24.96	34.5	796	13.12
37803.50	414	182	1200	1.725	239.30	50.05	26.55	31.5	855	13.10
37803.54	414	182	1300	2.061	261.70	45.86	27.99	29.5	868	13.08
37803.58	414	182	1400	2.447	254.70	36.57	28.75	28.9	806	13.04
37803.63	414	182	1500	2.936	245.50	36.09	29.46	30.5	738	13.02
37803.67	414	182	1600	2.883	231.10	29.55	30.13	27.1	603	13.00
37803.71	414	182	1700	3.058	239.00	46.68	30.46	21.8	461	13.00
37803.75	414	182	1800	2.543	254.20	24.78	29.63	27.2	307	12.98
37803.79	414	182	1900	1.340	281.70	42.26	28.35	31.0	80	12.92
37803.83	414	182	2000	0.701	53.96	49.44	25.06	37.8	6	12.89
37803.88	414	182	2100	0.395	55.76	44.36	21.39	43.8	0	12.87
37803.92	414	182	2200	0.537	65.74	36.46	19.13	48.3	0	12.85
37803.96	414	182	2300	0.573	68.24	48.14	17.83	50.9	0	12.84
37804.00	414	182	2400	1.223	90.70	42.67	22.52	30.5	0	12.83
37804.04	414	183	100	0.822	97.30	73.80	22.37	32.9	0	12.82
37804.08	414	183	200	0.504	63.86	45.48	17.59	50.0	0	12.82
37804.13	414	183	300	0.499	65.76	56.24	15.67	56.2	0	12.80
37804.17	414	183	400	0.678	66.03	73.40	14.68	60.2	0	12.79
37804.21	414	183	500	0.459	56.26	56.44	13.59	64.8	0	12.78
37804.25	414	183	600	0.392	74.50	40.56	14.08	66.4	69	12.76
37804.29	414	183	700	0.257	113.90	61.92	19.15	56.6	178	12.91
37804.33	414	183	800	0.857	235.70	93.50	22.72	40.1	290	13.25
37804.38	414	183	900	0.983	180.30	91.10	24.03	35.9	527	13.15
37804.42	414	183	1000	1.315	292.90	87.20	25.37	32.1	551	13.10
37804.46	414	183	1100	1.349	192.00	63.96	26.81	28.1	798	13.09
37804.50	414	183	1200	1.854	237.00	53.26	28.52	24.0	869	13.07
37804.54	414	183	1300	2.599	236.70	37.35	29.70	19.0	900	13.05
37804.58	414	183	1400	2.406	252.60	48.74	30.65	17.7	829	13.02
37804.63	414	183	1500	2.414	232.60	39.04	31.44	15.8	754	12.99
37804.67	414	183	1600	2.842	247.80	29.12	31.27	15.9	621	12.98
37804.71	414	183	1700	2.755	244.00	25.39	30.88	15.2	472	12.99
37804.75	414	183	1800	2.137	246.50	24.65	30.41	16.4	321	12.96
37804.79	414	183	1900	1.416	278.40	32.06	28.78	19.9	80	12.91

37804.83	414	183	2000	0.904	54.69	42.92	24.82	29.6	7	12.88
37804.88	414	183	2100	0.491	23.16	65.08	21.11	40.0	0	12.86
37804.92	414	183	2200	0.377	54.11	50.39	18.92	46.5	0	12.84
37804.96	414	183	2300	0.711	68.63	27.79	16.98	51.0	0	12.82
37805.00	414	183	2400	0.585	71.30	25.34	15.82	54.6	0	12.81
37805.04	414	184	100	0.498	68.59	36.39	15.10	56.4	0	12.79
37805.08	414	184	200	0.644	64.56	40.17	14.31	56.5	0	12.78
37805.13	414	184	300	0.578	61.91	32.05	13.52	59.0	0	12.77
37805.17	414	184	400	0.469	69.38	18.16	12.73	62.5	0	12.76
37805.21	414	184	500	0.544	68.77	15.61	12.10	64.7	0	12.74
37805.25	414	184	600	0.492	68.36	36.31	12.70	64.4	70	12.74
37805.29	414	184	700	0.235	116.50	56.85	17.78	54.9	182	12.91
37805.33	414	184	800	0.469	199.80	41.47	23.20	31.6	297	13.26
37805.38	414	184	900	1.229	218.20	51.18	24.89	26.5	473	13.14
37805.42	414	184	1000	1.409	232.80	61.49	26.15	24.5	555	13.09
37805.46	414	184	1100	1.809	238.00	51.00	27.32	24.2	799	13.08
37805.50	414	184	1200	1.738	215.70	46.03	28.77	22.4	871	13.07
37805.54	414	184	1300	1.746	246.70	53.01	30.08	21.0	892	13.04
37805.58	414	184	1400	2.162	254.00	43.20	31.14	19.4	823	13.01
37805.63	414	184	1500	2.417	237.10	32.35	31.44	17.5	752	12.99
37805.67	414	184	1600	2.014	236.40	35.47	31.73	17.7	620	12.97
37805.71	414	184	1700	1.778	247.60	36.53	32.01	16.7	469	12.96
37805.75	414	184	1800	1.398	269.00	26.89	31.86	16.4	321	12.94
37805.79	414	184	1900	0.773	318.20	38.12	29.35	22.7	77	12.90
37805.83	414	184	2000	0.655	68.80	14.51	24.96	30.7	7	12.87
37805.88	414	184	2100	0.268	59.70	48.49	21.80	40.6	0	12.85
37805.92	414	184	2200	0.303	59.22	37.31	19.67	49.1	0	12.83
37805.96	414	184	2300	0.504	72.10	23.97	18.13	53.5	0	12.81
37806.00	414	184	2400	0.595	70.30	14.95	16.86	57.9	0	12.80
37806.04	414	185	100	0.562	68.42	12.05	16.03	60.8	0	12.78
37806.08	414	185	200	0.611	73.00	12.24	15.31	62.8	0	12.77
37806.13	414	185	300	0.604	72.60	14.12	14.65	65.3	0	12.75
37806.17	414	185	400	0.534	71.80	7.36	14.08	67.7	0	12.74
37806.21	414	185	500	0.549	69.62	10.35	13.66	70.6	0	12.73
37806.25	414	185	600	0.503	69.94	12.82	14.15	70.5	67	12.73
37806.29	414	185	700	0.255	133.70	71.70	19.43	58.2	183	12.89
37806.33	414	185	800	0.714	203.10	23.46	23.15	40.8	305	13.24
37806.38	414	185	900	0.788	207.80	37.26	25.66	31.5	477	13.12
37806.42	414	185	1000	1.045	221.50	34.98	28.06	28.8	549	13.06
37806.46	414	185	1100	1.259	206.60	38.65	30.38	24.7	796	13.03
37806.50	414	185	1200	1.418	214.20	40.94	32.06	19.8	866	13.01
37806.54	414	185	1300	1.371	208.60	46.69	33.47	14.8	903	12.98
37806.58	414	185	1400	1.722	220.90	33.36	34.52	13.4	833	12.95
37806.63	414	185	1500	1.310	204.90	70.60	35.38	13.2	750	12.92
37806.67	414	185	1600	1.645	228.10	34.36	35.53	13.4	619	12.90
37806.71	414	185	1700	1.587	244.40	39.98	35.37	13.7	466	12.89
37806.75	414	185	1800	1.242	247.60	43.10	34.74	16.7	315	12.88
37806.79	414	185	1900	0.571	27.66	48.20	31.62	25.1	78	12.85
37806.83	414	185	2000	0.471	61.61	33.01	27.04	31.7	8	12.83
37806.88	414	185	2100	0.556	60.46	46.73	23.96	41.1	0	12.81
37806.92	414	185	2200	0.478	64.52	53.76	22.03	46.8	0	12.79
37806.96	414	185	2300	0.544	70.40	40.65	20.15	52.9	0	12.78

37807.00	414	185	2400	0.526	68.17	41.34	19.07	56.4	0	12.77
37807.04	414	186	100	0.556	66.92	17.69	18.38	58.5	0	12.75
37807.08	414	186	200	0.642	71.70	10.36	17.49	60.3	0	12.74
37807.13	414	186	300	0.590	65.41	26.19	16.82	62.4	0	12.73
37807.17	414	186	400	0.559	70.90	13.75	16.20	64.8	0	12.73
37807.21	414	186	500	0.626	71.30	13.59	15.49	68.6	0	12.72
37807.25	414	186	600	0.487	69.84	17.55	16.08	68.5	63	12.72
37807.29	414	186	700	0.159	162.90	59.98	20.71	57.4	179	12.86
37807.33	414	186	800	0.472	186.50	46.18	25.47	41.8	294	13.19
37807.38	414	186	900	1.258	214.50	22.01	27.70	35.8	429	13.08
37807.42	414	186	1000	1.155	200.40	36.72	29.83	29.1	539	13.03
37807.46	414	186	1100	1.459	218.50	44.13	31.58	25.6	791	13.01
37807.50	414	186	1200	1.382	207.20	49.94	33.23	22.3	852	12.98
37807.54	414	186	1300	1.371	212.00	60.76	34.82	18.8	877	12.96
37807.58	414	186	1400	1.866	229.40	43.46	35.68	16.9	809	12.93
37807.63	414	186	1500	1.847	231.00	51.63	36.09	14.3	747	12.90
37807.67	414	186	1600	2.137	244.20	37.87	36.27	13.7	617	12.89
37807.71	414	186	1700	1.711	255.50	38.35	36.18	14.6	463	12.88
37807.75	414	186	1800	1.077	273.90	35.63	35.79	16.8	312	12.87
37807.79	414	186	1900	1.087	319.50	38.79	32.82	23.6	78	12.84
37807.83	414	186	2000	0.987	46.71	63.20	29.17	27.7	7	12.82
37807.88	414	186	2100	0.635	67.47	35.02	24.67	37.5	0	12.80
37807.92	414	186	2200	0.328	62.32	53.15	22.43	42.2	0	12.78
37807.96	414	186	2300	0.422	63.82	32.61	20.51	47.5	0	12.77
37808.00	414	186	2400	0.490	66.17	31.76	19.77	49.2	0	12.75
37808.04	414	187	100	0.561	68.16	18.82	18.98	52.9	0	12.74
37808.08	414	187	200	0.533	67.47	18.34	18.19	58.1	0	12.73
37808.13	414	187	300	0.610	69.85	21.37	17.49	61.2	0	12.73
37808.17	414	187	400	0.486	67.22	31.95	17.09	62.1	0	12.72
37808.21	414	187	500	0.528	70.10	37.60	16.59	64.7	0	12.71
37808.25	414	187	600	0.441	71.60	23.59	16.88	66.8	61	12.71
37808.29	414	187	700	0.126	116.50	45.90	21.30	56.8	173	12.84
37808.33	414	187	800	0.650	185.30	34.36	25.29	42.1	290	13.17
37808.38	414	187	900	1.278	215.00	25.13	26.51	38.2	436	13.09
37808.42	414	187	1000	1.167	222.90	41.36	28.12	35.0	530	13.04
37808.46	414	187	1100	1.339	213.70	48.55	29.93	30.5	782	13.03
37808.50	414	187	1200	1.229	214.40	50.40	31.77	26.0	826	13.00
37808.54	414	187	1300	1.678	219.90	45.61	33.11	22.9	837	12.98
37808.58	414	187	1400	1.743	247.10	55.09	34.15	21.9	801	12.95
37808.63	414	187	1500	2.537	235.40	27.95	34.52	23.1	737	12.92
37808.67	414	187	1600	2.392	238.90	24.72	34.70	22.1	600	12.91
37808.71	414	187	1700	2.305	235.10	27.25	34.36	23.1	457	12.91
37808.75	414	187	1800	2.143	245.00	30.04	33.59	24.5	302	12.90
37808.79	414	187	1900	1.534	272.50	31.79	31.82	28.7	78	12.86
37808.83	414	187	2000	0.900	303.90	55.10	29.00	34.7	7	12.83
37808.88	414	187	2100	0.591	70.70	30.34	24.97	48.6	0	12.81
37808.92	414	187	2200	0.258	71.80	57.67	23.13	56.5	0	12.79
37808.96	414	187	2300	0.399	60.70	45.26	21.42	62.9	0	12.77
37809.00	414	187	2400	0.429	63.31	36.88	20.31	65.4	0	12.76
37809.04	414	188	100	0.520	64.07	27.65	19.35	68.7	0	12.75
37809.08	414	188	200	0.405	66.41	22.89	18.56	72.0	0	12.73
37809.13	414	188	300	0.486	68.17	23.34	18.10	75.6	0	12.73

37809.17	414	188	400	0.414	69.02	36.88	17.61	77.5	0	12.72
37809.21	414	188	500	0.223	73.60	32.73	17.02	80.1	0	12.72
37809.25	414	188	600	0.570	32.51	74.30	17.15	80.8	59	12.71
37809.29	414	188	700	0.535	94.20	27.37	21.36	66.6	173	12.84
37809.33	414	188	800	1.243	198.80	54.37	23.80	57.9	290	13.18
37809.38	414	188	900	1.768	245.10	36.81	24.65	54.9	513	13.12
37809.42	414	188	1000	2.171	228.50	33.10	25.36	53.2	538	13.10
37809.46	414	188	1100	2.120	217.50	27.11	26.78	47.4	789	13.09
37809.50	414	188	1200	2.509	241.80	37.77	28.26	39.0	843	13.07
37809.54	414	188	1300	3.004	242.30	29.17	28.84	35.4	862	13.06
37809.58	414	188	1400	2.998	245.60	28.89	29.71	34.4	807	13.03
37809.63	414	188	1500	3.332	237.70	31.78	30.40	34.0	737	13.01
37809.67	414	188	1600	3.296	240.70	27.05	30.07	36.9	605	13.00
37809.71	414	188	1700	3.261	241.10	29.01	30.03	35.7	456	13.00
37809.75	414	188	1800	2.969	239.80	27.24	29.83	34.2	305	12.98
37809.79	414	188	1900	2.768	246.80	25.08	28.72	34.1	79	12.91
37809.83	414	188	2000	2.021	246.60	27.31	27.64	32.6	6	12.88
37809.88	414	188	2100	1.011	258.50	54.44	25.89	34.9	0	12.86
37809.92	414	188	2200	0.898	67.17	14.17	21.32	51.6	0	12.85
37809.96	414	188	2300	0.643	75.80	32.60	19.59	58.0	0	12.83
37810.00	414	188	2400	0.387	55.92	45.20	18.18	66.2	0	12.81
37810.04	414	189	100	0.462	70.10	63.95	16.66	72.6	0	12.80
37810.08	414	189	200	0.622	65.14	67.08	15.54	76.4	0	12.78
37810.13	414	189	300	0.387	85.20	38.79	14.71	78.7	0	12.78
37810.17	414	189	400	0.306	72.50	29.74	14.03	81.7	0	12.76
37810.21	414	189	500	0.337	77.20	16.29	13.54	84.5	0	12.75
37810.25	414	189	600	0.384	71.50	22.12	13.94	83.8	61	12.74
37810.29	414	189	700	0.244	151.90	73.80	18.15	66.9	183	12.89
37810.33	414	189	800	0.746	220.30	34.92	21.14	57.0	295	13.25
37810.38	414	189	900	1.159	207.70	28.77	22.74	51.0	467	13.16
37810.42	414	189	1000	1.180	206.00	39.48	25.03	41.8	561	13.11
37810.46	414	189	1100	1.451	224.40	46.26	27.48	32.1	798	13.08
37810.50	414	189	1200	1.490	221.20	60.15	29.16	23.9	876	13.06
37810.54	414	189	1300	1.477	234.40	78.00	30.56	21.2	900	13.03
37810.58	414	189	1400	1.369	190.40	71.80	32.21	16.6	831	12.99
37810.63	414	189	1500	1.512	221.40	58.82	33.20	14.6	755	12.95
37810.67	414	189	1600	1.431	229.60	75.60	33.79	12.7	626	12.93
37810.71	414	189	1700	1.124	256.60	56.94	34.34	12.3	470	12.92
37810.75	414	189	1800	1.428	238.30	23.91	33.43	13.8	325	12.90
37810.79	414	189	1900	0.680	20.13	49.90	30.33	20.0	75	12.88
37810.83	414	189	2000	0.400	67.22	39.72	25.13	27.3	3	12.86
37810.88	414	189	2100	0.184	59.71	62.87	21.90	38.6	0	12.84
37810.92	414	189	2200	0.571	58.28	45.39	19.70	41.5	0	12.82
37810.96	414	189	2300	0.562	68.79	18.46	18.03	45.0	0	12.80
37811.00	414	189	2400	0.604	69.30	17.05	16.81	46.5	0	12.78
37811.04	414	190	100	0.609	71.40	22.06	15.91	48.9	0	12.77
37811.08	414	190	200	0.671	68.51	14.45	15.45	50.1	0	12.75
37811.13	414	190	300	0.588	70.10	10.22	14.78	54.5	0	12.74
37811.17	414	190	400	0.617	67.61	17.90	14.06	57.9	0	12.73
37811.21	414	190	500	0.620	64.17	22.16	13.15	61.6	0	12.72
37811.25	414	190	600	0.456	63.20	30.82	13.60	62.3	62	12.71
37811.29	414	190	700	0.314	90.80	63.00	19.04	51.6	185	12.87

37811.33	414	190	800	0.488	194.40	45.08	24.39	32.7	296	13.22
37811.38	414	190	900	0.959	217.60	23.43	26.59	27.4	468	13.10
37811.42	414	190	1000	1.045	218.60	28.80	29.01	22.7	552	13.04
37811.46	414	190	1100	1.568	218.50	21.63	31.07	20.1	800	13.02
37811.50	414	190	1200	1.357	222.20	42.56	32.98	17.1	883	13.00
37811.54	414	190	1300	1.077	201.60	73.10	34.85	13.4	902	12.96
37811.58	414	190	1400	1.131	36.97	94.00	36.52	12.3	831	12.93
37811.63	414	190	1500	1.382	241.00	57.91	37.29	12.2	753	12.90
37811.67	414	190	1600	2.120	239.60	26.97	37.46	11.3	627	12.88
37811.71	414	190	1700	1.858	242.10	31.63	37.31	11.6	469	12.87
37811.75	414	190	1800	1.482	263.30	24.99	36.58	15.4	314	12.86
37811.79	414	190	1900	0.765	357.40	54.88	33.28	22.0	75	12.83
37811.83	414	190	2000	0.429	66.81	33.17	27.95	30.6	4	12.81
37811.88	414	190	2100	0.565	65.55	57.23	24.72	37.9	0	12.80
37811.92	414	190	2200	0.644	58.23	65.89	22.88	40.6	0	12.78
37811.96	414	190	2300	0.686	56.10	57.17	21.72	44.0	0	12.77
37812.00	414	190	2400	0.493	61.99	45.85	21.13	45.5	0	12.75
37812.04	414	191	100	0.594	67.82	19.99	20.04	50.1	0	12.74
37812.08	414	191	200	0.570	69.18	22.56	18.85	54.7	0	12.73
37812.13	414	191	300	0.474	68.39	24.08	18.25	57.3	0	12.73
37812.17	414	191	400	0.552	70.10	28.14	17.50	60.0	0	12.72
37812.21	414	191	500	0.618	65.64	17.43	16.68	62.6	0	12.71
37812.25	414	191	600	0.522	65.16	21.34	17.00	64.8	57	12.71
37812.29	414	191	700	0.253	145.40	59.83	21.43	58.1	179	12.83
37812.33	414	191	800	0.573	197.60	27.43	25.58	43.2	273	13.17
37812.38	414	191	900	1.055	213.80	25.08	28.44	34.3	437	13.06
37812.42	414	191	1000	1.935	221.10	24.41	30.44	29.3	518	13.02
37812.46	414	191	1100	2.076	238.90	32.04	32.13	25.9	786	13.00
37812.50	414	191	1200	2.143	226.90	34.20	33.47	23.9	830	12.99
37812.54	414	191	1300	1.806	239.10	41.68	35.08	21.1	844	12.96
37812.58	414	191	1400	1.795	254.70	48.57	36.20	18.6	802	12.93
37812.63	414	191	1500	2.243	230.10	37.02	36.91	16.6	737	12.90
37812.67	414	191	1600	2.417	241.30	31.07	37.14	16.4	600	12.88
37812.71	414	191	1700	2.583	249.90	27.63	36.99	16.2	458	12.88
37812.75	414	191	1800	2.115	255.70	24.37	36.30	14.8	311	12.87
37812.79	414	191	1900	1.186	291.70	26.75	34.07	18.7	75	12.83
37812.83	414	191	2000	0.801	63.82	31.21	29.18	27.3	2	12.81
37812.88	414	191	2100	0.252	50.87	68.79	25.48	35.8	0	12.79
37812.92	414	191	2200	0.562	63.07	19.92	23.05	42.9	0	12.77
37812.96	414	191	2300	0.591	67.54	32.15	21.53	47.2	0	12.76
37813.00	414	191	2400	0.433	70.50	29.97	20.72	49.3	0	12.74
37813.04	414	192	100	0.436	72.30	25.58	20.14	51.8	0	12.73
37813.08	414	192	200	0.514	70.60	16.33	19.24	55.4	0	12.73
37813.13	414	192	300	0.634	71.40	26.47	18.41	58.4	0	12.72
37813.17	414	192	400	0.550	66.12	28.29	17.85	60.1	0	12.71
37813.21	414	192	500	0.370	68.49	31.66	17.27	63.4	0	12.71
37813.25	414	192	600	0.404	68.33	35.52	17.90	64.8	54	12.70
37813.29	414	192	700	0.146	90.10	90.90	22.54	57.0	178	12.81
37813.33	414	192	800	0.758	206.70	18.87	26.48	44.1	272	13.14
37813.38	414	192	900	0.779	191.00	45.11	28.83	33.6	432	13.05
37813.42	414	192	1000	1.134	205.00	38.37	30.40	31.5	502	13.00
37813.46	414	192	1100	1.447	209.70	28.56	31.95	29.2	783	12.98

37813.50	414	192	1200	1.649	211.70	37.08	33.72	25.5	834	12.97
37813.54	414	192	1300	1.625	222.30	38.84	35.05	20.6	857	12.95
37813.58	414	192	1400	1.966	244.10	46.85	36.58	16.9	803	12.92
37813.63	414	192	1500	1.919	251.40	29.61	37.07	14.0	744	12.89
37813.67	414	192	1600	2.029	241.30	33.56	37.38	12.4	613	12.87
37813.71	414	192	1700	1.681	259.50	34.75	37.44	12.8	460	12.86
37813.75	414	192	1800	1.027	280.00	46.29	37.04	16.0	310	12.85
37813.79	414	192	1900	0.622	4.55	51.72	34.14	24.2	75	12.82
37813.83	414	192	2000	0.639	66.32	17.91	29.47	31.7	2	12.80
37813.88	414	192	2100	0.465	52.31	60.95	26.25	40.6	0	12.79
37813.92	414	192	2200	0.763	65.57	48.82	24.07	42.6	0	12.77
37813.96	414	192	2300	0.488	53.64	65.34	22.34	47.3	0	12.75
37814.00	414	192	2400	0.529	58.54	43.54	20.95	51.5	0	12.74
37814.04	414	193	100	0.812	68.65	37.77	20.82	50.6	0	12.73
37814.08	414	193	200	0.617	63.50	40.88	20.60	51.3	0	12.72
37814.13	414	193	300	0.483	63.86	47.23	19.88	56.7	0	12.72
37814.17	414	193	400	0.514	74.20	21.77	18.53	63.0	0	12.71
37814.21	414	193	500	0.375	70.60	21.38	17.76	66.6	0	12.70
37814.25	414	193	600	0.364	71.50	22.56	18.13	66.8	52	12.70
37814.29	414	193	700	0.250	111.10	68.93	22.43	58.3	178	12.81
37814.33	414	193	800	0.840	222.40	24.71	26.27	44.7	264	13.14
37814.38	414	193	900	0.858	206.10	39.92	28.54	33.9	434	13.05
37814.42	414	193	1000	1.493	226.70	47.74	30.48	27.1	485	13.00
37814.46	414	193	1100	1.817	233.00	40.54	31.28	24.4	780	13.00
37814.50	414	193	1200	2.099	232.50	44.66	32.69	24.2	826	12.99
37814.54	414	193	1300	2.279	254.20	47.57	33.81	23.3	832	12.97
37814.58	414	193	1400	2.446	234.60	42.30	34.44	24.4	796	12.95
37814.63	414	193	1500	2.278	226.80	37.02	34.94	20.9	736	12.92
37814.67	414	193	1600	2.694	241.10	32.68	35.01	21.2	602	12.91
37814.71	414	193	1700	2.609	242.10	25.38	34.91	22.0	454	12.91
37814.75	414	193	1800	2.308	239.50	23.73	34.46	22.8	297	12.89
37814.79	414	193	1900	1.644	252.40	32.59	33.55	23.5	78	12.85
37814.83	414	193	2000	1.119	256.60	40.58	32.00	27.4	2	12.83
37814.88	414	193	2100	0.579	62.47	78.00	28.65	37.0	0	12.81
37814.92	414	193	2200	0.924	74.90	26.81	25.43	48.5	0	12.79
37814.96	414	193	2300	0.701	68.20	26.86	23.56	54.7	0	12.77
37815.00	414	193	2400	0.464	58.12	42.03	21.92	58.8	0	12.75
37815.04	414	194	100	0.474	59.77	35.73	20.55	61.8	0	12.74
37815.08	414	194	200	0.686	71.70	26.07	19.19	65.0	0	12.73
37815.13	414	194	300	0.660	69.57	40.74	18.08	67.2	0	12.72
37815.17	414	194	400	0.787	70.50	38.16	17.51	63.6	0	12.70
37815.21	414	194	500	0.602	65.65	34.79	16.65	66.8	0	12.70
37815.25	414	194	600	0.584	67.52	34.25	16.81	70.6	54	12.69
37815.29	414	194	700	0.348	87.00	24.18	21.29	57.2	180	12.81
37815.33	414	194	800	0.872	226.30	40.88	24.79	40.5	257	13.17
37815.38	414	194	900	1.130	200.50	40.54	25.73	35.3	445	13.09
37815.42	414	194	1000	1.155	235.40	83.80	27.32	30.6	483	13.04
37815.46	414	194	1100	1.624	233.80	51.75	28.81	26.2	786	13.04
37815.50	414	194	1200	1.855	224.30	42.47	29.87	24.7	844	13.03
37815.54	414	194	1300	1.708	222.50	56.94	30.93	22.7	858	13.01
37815.58	414	194	1400	1.597	232.50	48.42	32.34	19.7	805	12.98
37815.63	414	194	1500	1.627	237.50	59.11	33.28	16.2	740	12.94

37815.67	414	194	1600	1.858	250.00	39.27	33.72	13.2	613	12.92
37815.71	414	194	1700	1.404	230.10	52.15	33.92	11.9	463	12.91
37815.75	414	194	1800	0.742	292.60	55.98	34.18	12.7	313	12.89
37815.79	414	194	1900	0.492	41.49	44.60	31.32	20.0	76	12.86
37815.83	414	194	2000	0.354	47.10	50.20	26.73	26.5	0	12.84
37815.88	414	194	2100	0.276	65.76	64.53	23.64	36.6	0	12.82
37815.92	414	194	2200	0.596	69.68	34.39	21.27	42.0	0	12.80
37815.96	414	194	2300	0.515	67.44	33.44	20.47	41.6	0	12.78
37816.00	414	194	2400	0.552	69.98	20.53	19.20	46.6	0	12.76
37816.04	414	195	100	0.493	75.30	14.13	18.25	53.4	0	12.75
37816.08	414	195	200	0.434	66.57	20.53	17.40	57.0	0	12.73
37816.13	414	195	300	0.552	70.90	30.25	16.46	60.9	0	12.72
37816.17	414	195	400	0.524	71.10	28.55	15.90	62.8	0	12.71
37816.21	414	195	500	0.521	71.30	42.94	15.52	64.2	0	12.70
37816.25	414	195	600	0.425	67.57	31.48	16.00	64.1	54	12.69
37816.29	414	195	700	0.216	125.90	58.89	20.66	53.7	178	12.82
37816.33	414	195	800	0.448	206.20	47.05	25.07	37.0	237	13.18
37816.38	414	195	900	0.503	217.50	58.90	28.50	31.5	462	13.07
37816.42	414	195	1000	0.957	205.80	54.50	30.93	28.0	459	13.00
37816.46	414	195	1100	1.340	214.50	40.76	33.00	24.5	780	12.98
37816.50	414	195	1200	1.282	202.50	53.87	34.64	21.1	826	12.96
37816.54	414	195	1300	1.563	212.20	47.05	35.76	16.7	836	12.94
37816.58	414	195	1400	1.393	192.20	71.10	36.76	17.0	797	12.90
37816.63	414	195	1500	1.794	244.20	56.08	37.38	15.7	736	12.88
37816.67	414	195	1600	1.839	237.60	42.91	37.56	14.7	604	12.86
37816.71	414	195	1700	2.238	251.20	25.29	37.34	14.2	460	12.86
37816.75	414	195	1800	1.337	274.50	26.26	37.06	15.2	309	12.85
37816.79	414	195	1900	0.606	352.00	59.20	34.17	20.1	72	12.82
37816.83	414	195	2000	0.802	51.40	30.84	29.11	27.1	0	12.80
37816.88	414	195	2100	0.439	65.36	54.42	25.98	37.1	0	12.78
37816.92	414	195	2200	0.505	56.38	42.73	23.69	42.8	0	12.76
37816.96	414	195	2300	0.282	70.90	45.92	22.24	48.1	0	12.75
37817.00	414	195	2400	0.402	59.05	62.78	21.60	51.4	0	12.73
37817.04	414	196	100	0.660	64.04	22.74	20.56	54.0	0	12.72
37817.08	414	196	200	0.562	68.38	19.68	19.87	57.0	0	12.72
37817.13	414	196	300	0.572	66.77	19.17	19.36	59.9	0	12.71
37817.17	414	196	400	0.505	68.09	11.62	18.67	63.0	0	12.70
37817.21	414	196	500	0.501	69.68	18.62	18.13	64.0	0	12.70
37817.25	414	196	600	0.462	67.54	16.40	18.58	64.7	50	12.69
37817.29	414	196	700	0.185	128.60	46.39	22.73	55.4	179	12.79
37817.33	414	196	800	0.402	184.90	31.75	27.22	38.4	239	13.12
37817.38	414	196	900	1.549	216.10	17.76	28.97	35.2	447	13.04
37817.42	414	196	1000	1.592	219.70	35.65	31.14	29.8	455	13.00
37817.46	414	196	1100	1.807	243.20	44.88	32.66	27.2	777	12.98
37817.50	414	196	1200	2.733	238.10	30.55	33.74	25.6	817	12.98
37817.54	414	196	1300	2.624	242.70	35.25	34.46	24.5	822	12.96
37817.58	414	196	1400	2.762	236.00	32.70	35.39	22.0	795	12.94
37817.63	414	196	1500	3.121	242.70	24.25	35.58	19.2	732	12.92
37817.67	414	196	1600	2.623	245.60	25.25	36.06	19.7	589	12.90
37817.71	414	196	1700	2.834	246.50	24.60	35.67	19.7	456	12.90
37817.75	414	196	1800	2.088	255.40	23.65	35.03	18.6	305	12.88
37817.79	414	196	1900	1.510	272.60	28.87	33.40	25.2	68	12.84

37817.83	414	196	2000	0.863	53.36	43.12	29.61	36.7	1	12.82
37817.88	414	196	2100	0.676	58.35	28.86	26.70	43.5	0	12.80
37817.92	414	196	2200	0.411	46.09	57.57	24.65	50.0	0	12.78
37817.96	414	196	2300	0.568	29.14	74.50	23.66	53.4	0	12.76
37818.00	414	196	2400	0.456	62.61	47.09	22.97	56.6	0	12.75
37818.04	414	197	100	0.497	68.74	32.10	21.57	61.5	0	12.73
37818.08	414	197	200	0.653	71.80	20.29	20.48	64.1	0	12.72
37818.13	414	197	300	0.341	68.19	18.98	19.56	65.0	0	12.71
37818.17	414	197	400	0.460	71.60	16.37	18.37	68.3	0	12.70
37818.21	414	197	500	0.465	74.00	16.16	17.48	70.7	0	12.70
37818.25	414	197	600	0.219	55.67	37.04	18.33	68.2	57	12.69
37818.29	414	197	700	0.181	159.40	41.56	21.99	58.4	182	12.80
37818.33	414	197	800	0.643	197.70	32.49	25.80	45.0	239	13.14
37818.38	414	197	900	1.484	216.60	19.39	27.60	37.8	471	13.06
37818.42	414	197	1000	1.472	216.90	27.13	29.39	34.5	457	13.02
37818.46	414	197	1100	1.547	210.10	30.73	31.22	31.5	789	13.00
37818.50	414	197	1200	1.548	214.90	42.79	33.24	25.6	850	12.99
37818.54	414	197	1300	2.023	234.80	46.92	34.81	21.5	860	12.96
37818.58	414	197	1400	2.448	241.70	39.11	35.95	17.3	807	12.93
37818.63	414	197	1500	2.674	244.50	30.60	36.56	15.4	744	12.91
37818.67	414	197	1600	2.200	238.10	35.72	36.86	14.4	614	12.89
37818.71	414	197	1700	2.330	250.10	26.01	36.74	12.9	465	12.88
37818.75	414	197	1800	1.391	254.30	28.63	36.34	13.2	310	12.87
37818.79	414	197	1900	0.735	355.50	51.14	33.50	16.0	66	12.84
37818.83	414	197	2000	0.660	51.30	46.34	28.18	22.4	0	12.81
37818.88	414	197	2100	0.163	30.95	55.95	24.77	31.2	0	12.79
37818.92	414	197	2200	0.405	65.70	29.12	22.45	37.1	0	12.77
37818.96	414	197	2300	0.518	73.80	10.90	20.88	41.5	0	12.75
37819.00	414	197	2400	0.528	69.65	13.37	19.83	45.4	0	12.73
37819.04	414	198	100	0.633	66.28	13.62	19.21	48.5	0	12.72
37819.08	414	198	200	0.624	70.40	11.29	18.39	51.1	0	12.71
37819.13	414	198	300	0.622	74.20	9.08	17.74	52.5	0	12.70
37819.17	414	198	400	0.603	67.71	15.92	16.96	55.1	0	12.69
37819.21	414	198	500	0.524	72.50	13.67	16.27	57.0	0	12.69
37819.25	414	198	600	0.461	69.67	8.39	16.51	58.6	59	12.68
37819.29	414	198	700	0.191	83.50	11.90	21.33	51.1	183	12.81
37819.33	414	198	800	0.757	205.60	32.34	26.16	40.2	243	13.16
37819.38	414	198	900	0.812	218.40	39.35	29.04	27.4	524	13.06
37819.42	414	198	1000	1.434	217.30	20.70	31.87	24.0	457	12.99
37819.46	414	198	1100	1.672	210.10	20.99	34.40	19.4	791	12.97
37819.50	414	198	1200	1.793	222.40	29.31	36.43	14.9	859	12.95
37819.54	414	198	1300	1.756	224.20	43.93	37.92	12.3	873	12.92
37819.58	414	198	1400	1.989	232.70	40.88	38.93	11.8	813	12.88
37819.63	414	198	1500	2.224	248.20	35.43	39.46	11.7	743	12.86
37819.67	414	198	1600	2.394	244.30	39.13	39.58	11.3	614	12.85
37819.71	414	198	1700	2.010	249.00	28.01	39.48	11.3	464	12.84
37819.75	414	198	1800	1.788	265.40	24.81	38.67	11.9	316	12.83
37819.79	414	198	1900	0.871	326.20	50.40	35.75	15.1	91	12.81
37819.83	414	198	2000	0.854	58.85	21.00	30.47	22.0	11	12.79
37819.88	414	198	2100	0.339	46.55	53.74	26.99	30.0	0	12.77
37819.92	414	198	2200	0.594	66.53	22.43	24.31	36.5	0	12.75
37819.96	414	198	2300	0.573	61.48	34.55	22.95	39.6	0	12.73

37820.00	414	198	2400	0.566	68.04	23.87	21.67	44.1	0	12.72
37820.04	414	199	100	0.697	68.56	39.12	21.14	43.8	0	12.71
37820.08	414	199	200	0.604	66.55	17.72	20.56	46.7	0	12.70
37820.13	414	199	300	0.531	69.88	13.95	20.13	49.7	0	12.70
37820.17	414	199	400	0.599	68.24	12.51	19.60	54.5	0	12.70
37820.21	414	199	500	0.465	69.82	13.61	18.79	59.2	0	12.69
37820.25	414	199	600	0.510	79.70	10.58	18.98	60.4	55	12.69
37820.29	414	199	700	0.229	113.70	37.92	22.81	54.9	185	12.79
37820.33	414	199	800	0.413	190.90	39.24	27.59	36.2	246	13.11
37820.38	414	199	900	0.695	193.90	22.17	31.20	29.1	435	13.02
37820.42	414	199	1000	1.464	217.00	20.42	33.55	25.5	446	12.96
37820.46	414	199	1100	1.925	215.20	19.76	35.52	21.6	775	12.94
37820.50	414	199	1200	1.672	220.70	27.58	37.65	16.8	829	12.92
37820.54	414	199	1300	1.513	230.50	42.44	39.08	14.7	845	12.89
37820.58	414	199	1400	1.636	244.50	60.44	40.21	14.2	799	12.86
37820.63	414	199	1500	1.952	247.70	41.87	40.53	14.0	730	12.84
37820.67	414	199	1600	2.151	255.90	39.60	40.71	13.9	602	12.83
37820.71	414	199	1700	2.099	251.50	24.07	40.50	13.2	456	12.82
37820.75	414	199	1800	1.832	260.00	20.46	39.84	13.1	306	12.81
37820.79	414	199	1900	0.982	319.40	45.07	36.99	17.4	87	12.79
37820.83	414	199	2000	0.828	65.14	15.59	31.22	26.5	2	12.77
37820.88	414	199	2100	0.273	28.47	52.60	27.79	33.6	0	12.76
37820.92	414	199	2200	0.482	60.45	30.98	25.17	41.4	0	12.74
37820.96	414	199	2300	0.435	70.50	26.53	23.55	46.7	0	12.73
37821.00	414	199	2400	0.464	73.40	26.53	22.52	48.9	0	12.71
37821.04	414	200	100	0.615	75.90	16.18	21.53	52.0	0	12.70
37821.08	414	200	200	0.643	68.07	18.64	20.85	54.2	0	12.70
37821.13	414	200	300	0.663	70.10	17.16	20.50	54.7	0	12.69
37821.17	414	200	400	0.636	72.80	21.33	19.70	57.5	0	12.69
37821.21	414	200	500	0.486	71.90	24.30	19.04	58.2	0	12.68
37821.25	414	200	600	0.522	76.80	32.97	18.98	59.2	55	12.68
37821.29	414	200	700	0.233	83.60	48.59	22.74	53.5	178	12.80
37821.33	414	200	800	0.447	197.80	34.41	27.69	38.6	245	13.12
37821.38	414	200	900	0.814	201.50	23.98	30.82	28.7	451	13.02
37821.42	414	200	1000	0.857	227.80	50.26	33.61	25.5	423	12.97
37821.46	414	200	1100	1.019	216.20	60.94	36.01	22.1	758	12.93
37821.50	414	200	1200	1.313	235.10	48.15	38.21	18.3	803	12.91
37821.54	414	200	1300	1.400	218.70	33.71	39.80	15.4	821	12.88
37821.58	414	200	1400	1.653	224.60	27.62	40.26	14.3	552	12.85
37821.63	414	200	1500	1.012	221.40	41.03	41.21	12.3	645	12.84
37821.67	414	200	1600	1.460	222.10	27.93	41.66	12.1	556	12.82
37821.71	414	200	1700	1.591	224.10	36.21	41.17	14.8	415	12.81
37821.75	414	200	1800	2.256	246.90	21.95	39.88	21.4	367	12.82
37821.79	414	200	1900	2.019	256.40	23.14	36.88	23.7	123	12.80
37821.83	414	200	2000	0.681	8.94	72.00	33.29	28.6	9	12.77
37821.88	414	200	2100	0.397	58.92	54.39	29.00	40.1	0	12.76
37821.92	414	200	2200	0.282	44.60	45.36	27.05	47.4	0	12.74
37821.96	414	200	2300	0.429	62.29	42.14	25.62	52.1	0	12.73
37822.00	414	200	2400	0.562	72.30	24.59	24.42	54.4	0	12.72
37822.04	414	201	100	0.566	69.43	21.44	23.43	56.6	0	12.71
37822.08	414	201	200	0.429	71.50	18.47	22.95	58.8	0	12.70
37822.13	414	201	300	0.451	68.84	15.95	22.46	61.4	0	12.70

37822.17	414	201	400	0.465	69.95	11.68	21.85	63.7	0	12.69
37822.21	414	201	500	0.483	76.70	24.63	21.17	66.6	0	12.69
37822.25	414	201	600	0.386	66.71	22.34	21.44	66.1	48	12.68
37822.29	414	201	700	0.328	123.10	62.10	24.75	57.2	177	12.86
37822.33	414	201	800	0.573	183.60	45.34	28.30	44.0	262	13.11
37822.38	414	201	900	0.540	210.10	64.80	31.03	38.7	411	13.03
37822.42	414	201	1000	0.895	196.10	42.65	34.18	31.2	512	12.96
37822.46	414	201	1100	1.510	255.40	87.10	37.36	23.1	807	12.92
37822.50	414	201	1200	1.947	225.10	36.96	38.64	21.1	817	12.89
37822.54	414	201	1300	1.829	223.60	38.10	39.88	18.9	702	12.86
37822.58	414	201	1400	2.202	230.10	23.62	40.32	17.9	606	12.85
37822.63	414	201	1500	1.995	236.30	20.36	40.33	18.1	541	12.84
37822.67	414	201	1600	2.283	238.30	24.68	41.10	17.7	552	12.83
37822.71	414	201	1700	1.934	247.10	21.46	41.23	17.3	417	12.82
37822.75	414	201	1800	1.732	248.20	23.96	40.63	18.9	304	12.82
37822.79	414	201	1900	1.121	278.80	30.91	38.39	25.2	93	12.79
37822.83	414	201	2000	0.754	45.15	60.35	33.96	34.9	2	12.77
37822.88	414	201	2100	0.394	61.90	40.90	30.47	44.8	0	12.76
37822.92	414	201	2200	0.407	72.40	32.45	28.44	50.7	0	12.74
37822.96	414	201	2300	0.524	67.94	30.27	26.84	55.3	0	12.73
37823.00	414	201	2400	0.490	73.20	26.33	25.98	57.2	0	12.72
37823.04	414	202	100	0.364	64.77	22.47	25.46	58.7	0	12.71
37823.08	414	202	200	0.310	69.43	33.06	25.02	60.2	0	12.70
37823.13	414	202	300	0.400	69.35	26.72	24.31	61.9	0	12.70
37823.17	414	202	400	0.491	71.60	11.96	23.18	66.1	0	12.69
37823.21	414	202	500	0.399	71.80	21.12	22.53	68.0	0	12.69
37823.25	414	202	600	0.408	70.00	19.65	22.77	67.9	46	12.68
37823.29	414	202	700	0.428	160.90	77.90	25.72	62.3	172	12.76
37823.33	414	202	800	0.659	191.90	18.97	29.19	49.8	247	13.05
37823.38	414	202	900	1.273	220.10	19.46	31.43	42.2	471	12.99
37823.42	414	202	1000	1.462	213.40	29.04	32.82	35.1	473	12.96
37823.46	414	202	1100	1.475	211.60	34.54	34.51	31.5	696	12.94
37823.50	414	202	1200	1.644	222.10	35.74	36.14	28.3	752	12.92
37823.54	414	202	1300	1.864	243.70	59.38	37.62	25.0	781	12.90
37823.58	414	202	1400	1.474	240.60	59.62	38.84	23.8	772	12.87
37823.63	414	202	1500	1.590	235.30	57.93	39.44	23.6	688	12.84
37823.67	414	202	1600	2.011	256.20	36.67	39.79	22.3	551	12.83
37823.71	414	202	1700	2.010	245.20	28.02	39.77	22.4	422	12.82
37823.75	414	202	1800	1.945	245.10	23.28	38.91	22.6	263	12.81
37823.79	414	202	1900	1.054	292.20	35.23	36.98	25.2	71	12.79
37823.83	414	202	2000	0.803	67.07	15.77	32.78	35.6	0	12.77
37823.88	414	202	2100	0.352	62.30	38.31	30.29	41.9	0	12.75
37823.92	414	202	2200	0.304	63.21	25.36	28.17	48.8	0	12.73
37823.96	414	202	2300	0.396	67.69	25.81	26.76	53.2	0	12.72
37824.00	414	202	2400	0.357	71.00	19.28	25.76	56.8	0	12.71
37824.04	414	203	100	0.296	53.90	36.35	25.17	59.1	0	12.70
37824.08	414	203	200	0.465	68.55	19.58	24.33	62.2	0	12.70
37824.13	414	203	300	0.417	72.00	13.45	23.73	64.0	0	12.69
37824.17	414	203	400	0.470	68.84	15.24	23.25	65.7	0	12.69
37824.21	414	203	500	0.431	69.47	13.62	22.85	67.0	0	12.68
37824.25	414	203	600	0.406	76.90	17.20	23.00	67.6	42	12.68
37824.29	414	203	700	0.203	153.20	57.24	25.95	61.8	166	12.74

37824.33	414	203	800	0.506	195.90	15.12	29.82	49.1	252	13.02
37824.38	414	203	900	1.043	212.60	26.68	32.50	39.5	446	12.98
37824.42	414	203	1000	1.705	214.10	19.86	34.36	36.6	457	12.94
37824.46	414	203	1100	1.784	221.00	26.31	36.40	31.5	713	12.92
37824.50	414	203	1200	1.681	226.30	27.43	38.00	27.9	779	12.90
37824.54	414	203	1300	1.616	219.80	32.12	39.26	24.6	779	12.87
37824.58	414	203	1400	1.593	203.80	49.24	40.46	22.7	769	12.84
37824.63	414	203	1500	1.711	238.00	42.75	41.33	21.5	686	12.82
37824.67	414	203	1600	1.426	252.90	50.77	42.04	18.7	543	12.81
37824.71	414	203	1700	1.118	233.30	45.78	42.10	18.0	415	12.80
37824.75	414	203	1800	1.536	247.10	39.89	41.17	21.5	253	12.79
37824.79	414	203	1900	1.210	234.10	73.30	39.07	25.8	93	12.77
37824.83	414	203	2000	0.824	336.70	93.50	36.43	33.4	18	12.76
37824.88	414	203	2100	0.609	58.92	49.75	32.68	42.8	0	12.74
37824.92	414	203	2200	0.618	62.46	39.23	30.58	47.6	0	12.73
37824.96	414	203	2300	0.317	74.30	55.19	29.24	52.9	0	12.72
37825.00	414	203	2400	0.442	67.57	19.01	27.95	58.0	0	12.71
37825.04	414	204	100	0.568	71.10	22.73	26.82	62.4	0	12.70
37825.08	414	204	200	0.424	66.46	15.82	26.09	64.8	0	12.69
37825.13	414	204	300	0.395	69.86	19.11	25.52	66.6	0	12.69
37825.17	414	204	400	0.322	76.50	11.63	25.06	67.8	0	12.68
37825.21	414	204	500	0.430	66.30	44.92	24.38	70.1	0	12.68
37825.25	414	204	600	0.427	74.90	42.36	24.32	70.5	35	12.68
37825.29	414	204	700	0.259	108.50	64.69	27.48	62.2	160	12.74
37825.33	414	204	800	0.805	206.70	39.07	31.15	51.7	256	13.00
37825.38	414	204	900	1.419	217.70	28.31	33.34	44.0	420	12.97
37825.42	414	204	1000	1.622	215.00	24.48	34.43	38.5	481	12.94
37825.46	414	204	1100	1.619	213.90	28.17	36.40	32.6	736	12.91
37825.50	414	204	1200	1.719	221.00	40.31	38.08	27.7	779	12.89
37825.54	414	204	1300	1.799	231.90	45.89	39.18	27.5	779	12.86
37825.58	414	204	1400	2.445	230.80	37.24	40.04	26.0	742	12.84
37825.63	414	204	1500	2.468	232.70	37.23	39.56	25.5	637	12.83
37825.67	414	204	1600	2.605	238.10	33.61	39.20	24.4	547	12.83
37825.71	414	204	1700	3.004	239.40	35.34	38.89	22.4	412	12.84
37825.75	414	204	1800	2.320	248.80	23.06	37.52	26.9	118	12.83
37825.79	414	204	1900	1.574	266.50	23.75	34.48	34.7	25	12.78
37825.83	414	204	2000	1.107	283.30	34.65	32.25	43.8	0	12.76
37825.88	414	204	2100	0.530	3.67	37.62	31.00	47.2	0	12.74
37825.92	414	204	2200	0.514	44.93	54.91	30.28	49.7	0	12.73
37825.96	414	204	2300	0.426	70.40	72.10	28.61	56.6	0	12.72
37826.00	414	204	2400	0.280	72.60	93.70	27.77	59.6	0	12.71
37826.04	414	205	100	0.480	63.36	74.30	27.33	60.7	0	12.70
37826.08	414	205	200	0.334	60.84	77.30	26.61	63.3	0	12.70
37826.13	414	205	300	0.285	62.54	88.80	26.27	65.1	0	12.69
37826.17	414	205	400	0.455	41.78	81.90	25.36	74.2	0	12.68
37826.21	414	205	500	0.498	41.52	95.90	25.51	72.2	0	12.68
37826.25	414	205	600	0.485	211.90	88.80	25.42	71.4	0	12.68
37826.29	414	205	700	0.572	326.30	93.30	25.23	74.4	75	12.68
37826.33	414	205	800	1.001	242.40	73.00	24.89	79.9	82	12.72
37826.38	414	205	900	0.674	102.40	57.43	25.59	75.4	174	12.96
37826.42	414	205	1000	0.710	212.50	45.42	28.34	62.2	302	13.12
37826.46	414	205	1100	1.017	223.00	26.57	30.61	51.5	311	13.06

37826.50	414	205	1200	0.781	220.70	32.47	30.63	53.0	171	13.03
37826.54	414	205	1300	0.603	260.20	78.40	31.49	49.0	243	13.04
37826.58	414	205	1400	0.753	299.20	62.96	32.07	46.3	225	13.01
37826.63	414	205	1500	1.476	226.40	18.55	32.22	46.9	417	13.00
37826.67	414	205	1600	1.707	214.30	22.69	32.98	43.5	494	12.97
37826.71	414	205	1700	1.386	240.60	31.27	33.47	40.3	334	12.94
37826.75	414	205	1800	0.719	303.90	42.73	32.86	40.5	177	12.92
37826.79	414	205	1900	0.580	318.50	33.28	32.29	45.3	81	12.87
37826.83	414	205	2000	0.431	49.67	62.61	29.37	57.8	0	12.84
37826.88	414	205	2100	0.235	53.09	58.93	26.84	67.6	0	12.81
37826.92	414	205	2200	0.198	73.10	13.22	25.96	71.2	0	12.80
37826.96	414	205	2300	0.199	76.90	18.72	25.64	72.6	0	12.79
37827.00	414	205	2400	0.428	57.77	47.30	24.44	75.5	0	12.78
37827.04	414	206	100	0.487	72.50	48.79	23.73	75.7	0	12.77
37827.08	414	206	200	0.395	73.60	22.49	24.17	72.4	0	12.77
37827.13	414	206	300	0.340	88.00	28.06	24.38	71.6	0	12.76
37827.17	414	206	400	0.428	81.20	72.30	24.52	71.4	0	12.76
37827.21	414	206	500	0.355	69.33	31.40	24.03	72.6	0	12.76
37827.25	414	206	600	0.200	72.90	52.12	23.52	74.9	48	12.75
37827.29	414	206	700	0.125	262.30	65.88	25.55	67.8	152	12.84
37827.33	414	206	800	1.077	211.80	17.68	28.26	53.6	304	13.07
37827.38	414	206	900	1.475	219.50	29.98	29.89	45.5	465	13.02
37827.42	414	206	1000	1.472	244.20	80.00	31.21	40.5	460	12.99
37827.46	414	206	1100	2.129	223.20	33.34	31.91	38.5	745	12.98
37827.50	414	206	1200	2.057	224.70	31.65	33.24	34.7	780	12.97
37827.54	414	206	1300	1.891	235.80	44.55	34.88	30.1	856	12.94
37827.58	414	206	1400	2.889	241.10	30.59	35.43	28.3	775	12.91
37827.63	414	206	1500	3.530	249.20	23.48	34.36	30.8	453	12.91
37827.67	414	206	1600	2.675	234.50	60.25	32.79	30.4	383	12.95
37827.71	414	206	1700	0.925	216.60	98.40	33.42	30.1	266	12.96
37827.75	414	206	1800	1.367	273.50	52.31	33.27	31.5	199	12.91
37827.79	414	206	1900	0.860	280.60	44.50	31.63	36.4	56	12.84
37827.83	414	206	2000	0.749	50.48	55.98	28.66	47.7	0	12.82
37827.88	414	206	2100	0.412	51.80	54.67	26.70	54.6	0	12.79
37827.92	414	206	2200	0.368	77.20	45.34	24.80	60.2	0	12.78
37827.96	414	206	2300	0.390	49.10	74.30	23.92	63.9	0	12.77
37828.00	414	206	2400	0.337	79.40	24.36	23.83	64.9	0	12.76
37828.04	414	207	100	0.352	67.06	36.90	22.71	68.0	0	12.75
37828.08	414	207	200	0.307	63.24	44.23	21.98	70.5	0	12.75
37828.13	414	207	300	0.438	70.90	19.92	21.14	71.3	0	12.74
37828.17	414	207	400	0.451	77.90	16.90	20.65	71.9	0	12.73
37828.21	414	207	500	0.269	81.80	57.06	20.75	72.0	0	12.73
37828.25	414	207	600	0.360	85.10	40.79	20.74	73.0	14	12.73
37828.29	414	207	700	0.349	103.20	60.59	22.97	67.0	154	12.81
37828.33	414	207	800	0.760	191.70	32.96	26.74	49.0	278	13.12
37828.38	414	207	900	1.385	217.30	20.79	27.76	43.0	480	13.06
37828.42	414	207	1000	1.634	212.10	23.04	29.28	41.5	456	13.02
37828.46	414	207	1100	1.916	220.40	23.10	31.20	37.0	750	13.01
37828.50	414	207	1200	1.802	212.70	37.01	33.19	31.0	786	12.98
37828.54	414	207	1300	1.877	232.60	40.97	34.76	27.5	812	12.95
37828.58	414	207	1400	2.405	246.00	28.33	35.78	24.6	768	12.92
37828.63	414	207	1500	2.202	252.50	44.34	36.51	21.5	711	12.90

37828.67	414	207	1600	2.407	248.40	32.07	36.98	19.6	574	12.88
37828.71	414	207	1700	2.415	250.20	27.39	36.64	18.9	435	12.88
37828.75	414	207	1800	1.719	261.70	24.20	36.25	17.7	281	12.86
37828.79	414	207	1900	0.633	352.00	68.37	33.59	23.5	61	12.83
37828.83	414	207	2000	0.517	38.90	54.59	28.82	31.8	0	12.81
37828.88	414	207	2100	0.166	54.95	44.87	25.81	39.9	0	12.79
37828.92	414	207	2200	0.490	68.33	26.63	23.73	45.4	0	12.77
37828.96	414	207	2300	0.458	64.74	30.25	22.71	48.8	0	12.76
37829.00	414	207	2400	0.676	76.40	31.15	21.61	52.2	0	12.75
37829.04	414	208	100	0.428	50.96	54.66	21.61	50.5	0	12.74
37829.08	414	208	200	0.533	74.50	14.45	20.03	56.9	0	12.73
37829.13	414	208	300	0.518	68.98	18.01	19.29	60.2	0	12.73
37829.17	414	208	400	0.545	69.99	11.25	18.63	62.0	0	12.72
37829.21	414	208	500	0.542	74.50	11.02	18.18	63.0	0	12.71
37829.25	414	208	600	0.563	71.00	13.91	18.30	64.2	40	12.70
37829.29	414	208	700	0.271	99.00	12.85	22.44	55.6	172	12.80
37829.33	414	208	800	0.761	208.60	19.28	26.61	46.7	307	13.14
37829.38	414	208	900	0.727	197.80	31.61	29.52	34.2	472	13.05
37829.42	414	208	1000	1.189	208.60	26.95	32.73	30.1	443	12.98
37829.46	414	208	1100	1.385	210.00	37.18	35.88	23.6	764	12.95
37829.50	414	208	1200	1.521	226.00	75.10	38.88	15.1	836	12.91
37829.54	414	208	1300	1.556	248.70	74.10	40.27	12.4	822	12.88
37829.58	414	208	1400	1.939	231.00	53.94	40.93	12.1	769	12.86
37829.63	414	208	1500	1.539	248.90	74.50	41.64	10.8	669	12.84
37829.67	414	208	1600	2.077	234.80	47.73	41.33	11.0	579	12.82
37829.71	414	208	1700	1.810	235.10	32.54	41.12	11.0	443	12.82
37829.75	414	208	1800	0.781	262.60	73.30	41.03	12.3	278	12.81
37829.79	414	208	1900	0.423	53.61	61.45	37.04	19.9	63	12.79
37829.83	414	208	2000	0.217	69.43	23.71	31.74	27.3	0	12.78
37829.88	414	208	2100	0.389	72.40	37.35	28.18	34.3	0	12.76
37829.92	414	208	2200	0.524	68.75	33.82	26.01	37.8	0	12.74
37829.96	414	208	2300	0.523	60.30	39.19	25.24	38.7	0	12.73
37830.00	414	208	2400	0.725	67.84	26.71	24.30	40.1	0	12.73
37830.04	414	209	100	0.613	71.60	25.90	23.15	44.5	0	12.72
37830.08	414	209	200	0.504	73.50	25.08	22.35	47.7	0	12.71
37830.13	414	209	300	0.550	74.60	26.93	21.68	50.2	0	12.70
37830.17	414	209	400	0.423	69.29	25.64	21.23	52.1	0	12.70
37830.21	414	209	500	0.463	68.40	27.71	20.75	54.4	0	12.69
37830.25	414	209	600	0.483	71.60	28.04	20.80	54.8	36	12.68
37830.29	414	209	700	0.302	111.30	62.23	24.10	51.8	166	12.77
37830.33	414	209	800	0.382	188.80	39.47	29.30	39.4	299	13.08
37830.38	414	209	900	1.300	218.60	16.26	31.85	30.2	468	13.00
37830.42	414	209	1000	1.424	222.00	20.44	34.77	25.8	428	12.96
37830.46	414	209	1100	1.934	222.00	20.60	37.50	21.9	748	12.92
37830.50	414	209	1200	2.100	215.40	26.78	39.57	18.7	786	12.89
37830.54	414	209	1300	2.050	220.00	37.66	41.08	15.8	806	12.87
37830.58	414	209	1400	1.765	240.20	48.50	42.43	14.0	779	12.84
37830.63	414	209	1500	1.364	233.30	69.85	42.95	12.7	710	12.82
37830.67	414	209	1600	1.663	233.30	68.04	43.19	12.0	570	12.80
37830.71	414	209	1700	1.501	259.10	72.20	42.90	11.7	428	12.80
37830.75	414	209	1800	1.154	271.40	47.40	41.99	13.3	273	12.79
37830.79	414	209	1900	0.823	15.65	58.50	38.09	17.6	69	12.77

37830.83	414	209	2000	0.492	57.01	32.21	32.97	24.4	0	12.76
37830.88	414	209	2100	0.340	51.64	46.03	29.60	32.5	0	12.74
37830.92	414	209	2200	0.371	64.29	38.31	27.40	38.9	0	12.72
37830.96	414	209	2300	0.524	67.38	29.02	26.19	41.7	0	12.71
37831.00	414	209	2400	0.439	71.10	14.02	24.94	46.1	0	12.70
37831.04	414	210	100	0.429	74.70	14.81	24.13	48.8	0	12.70
37831.08	414	210	200	0.475	70.60	18.57	23.47	52.0	0	12.69
37831.13	414	210	300	0.554	69.58	15.36	23.01	54.0	0	12.68
37831.17	414	210	400	0.584	71.40	16.16	22.53	56.0	0	12.68
37831.21	414	210	500	0.494	69.23	17.57	22.12	58.1	0	12.68
37831.25	414	210	600	0.560	61.14	40.03	21.99	60.2	30	12.67
37831.29	414	210	700	0.395	97.60	57.60	25.05	56.4	164	12.75
37831.33	414	210	800	0.295	180.40	50.40	29.96	38.5	304	13.06
37831.38	414	210	900	0.827	210.40	36.14	32.84	31.7	453	12.99
37831.42	414	210	1000	0.992	210.90	35.82	36.59	26.7	433	12.93
37831.46	414	210	1100	1.463	233.10	52.47	40.14	18.9	743	12.89
37831.50	414	210	1200	1.518	234.90	65.87	42.45	15.8	778	12.85
37831.54	414	210	1300	2.513	223.70	25.42	43.29	15.1	799	12.83
37831.58	414	210	1400	2.195	233.70	43.85	44.53	13.4	729	12.81
37831.63	414	210	1500	1.721	235.70	56.00	45.19	11.7	684	12.79
37831.67	414	210	1600	2.518	232.40	24.19	44.86	11.9	554	12.78
37831.71	414	210	1700	1.852	244.00	27.29	44.76	11.5	410	12.78
37831.75	414	210	1800	1.004	330.00	57.94	43.92	12.2	217	12.77
37831.79	414	210	1900	0.377	57.04	49.61	39.86	19.0	103	12.76
37831.83	414	210	2000	0.329	61.24	44.75	34.47	23.7	4	12.74
37831.88	414	210	2100	0.606	60.19	64.91	30.71	30.5	0	12.73
37831.92	414	210	2200	0.808	73.30	58.76	29.65	32.6	0	12.71
37831.96	414	210	2300	0.540	73.30	61.93	28.46	42.8	0	12.70
37832.00	414	210	2400	0.463	56.08	77.40	27.91	48.7	0	12.69
37832.04	414	211	100	0.369	57.96	42.12	27.48	51.4	0	12.69
37832.08	414	211	200	0.258	71.00	20.86	25.86	59.8	0	12.68
37832.13	414	211	300	0.421	69.54	45.83	24.95	64.9	0	12.68
37832.17	414	211	400	0.295	60.52	45.60	24.52	67.6	0	12.68
37832.21	414	211	500	0.413	73.00	18.85	23.79	69.5	0	12.67
37832.25	414	211	600	0.285	81.20	20.43	23.76	68.3	46	12.67
37832.29	414	211	700	0.381	85.40	91.30	25.80	64.8	141	12.74
37832.33	414	211	800	0.630	208.60	19.19	29.34	54.9	253	13.06
37832.38	414	211	900	0.970	198.40	25.07	31.76	44.1	425	13.01
37832.42	414	211	1000	1.228	214.80	33.44	33.98	37.6	452	12.95
37832.46	414	211	1100	1.482	252.30	45.51	35.69	32.4	576	12.92
37832.50	414	211	1200	1.734	245.20	53.37	37.04	30.6	769	12.90
37832.54	414	211	1300	2.573	239.30	28.61	38.37	26.7	754	12.88
37832.58	414	211	1400	2.546	240.50	28.10	39.20	25.6	729	12.86
37832.63	414	211	1500	2.752	238.20	26.57	39.22	24.1	630	12.85
37832.67	414	211	1600	2.183	228.10	34.41	38.70	25.7	530	12.84
37832.71	414	211	1700	2.392	225.70	41.07	38.73	25.1	437	12.84
37832.75	414	211	1800	2.072	243.20	25.90	36.21	29.4	103	12.80
37832.79	414	211	1900	1.910	260.00	27.87	33.31	33.9	41	12.78
37832.83	414	211	2000	1.050	298.10	34.16	31.09	37.5	0	12.76
37832.88	414	211	2100	0.724	71.90	28.03	28.41	45.5	0	12.74
37832.92	414	211	2200	0.444	36.97	84.70	26.84	52.9	0	12.73
37832.96	414	211	2300	0.419	53.67	68.48	25.38	59.0	0	12.72

37833.00	414	211	2400	0.408	76.10	25.60	24.15	59.9	0	12.70
37833.04	414	212	100	0.336	81.80	21.65	22.79	64.3	0	12.69
37833.08	414	212	200	0.342	73.70	31.15	22.05	65.8	0	12.68
37833.13	414	212	300	0.423	72.30	21.85	21.30	66.8	0	12.67
37833.17	414	212	400	0.481	75.40	17.38	20.64	66.9	0	12.66
37833.21	414	212	500	0.475	75.30	16.89	20.14	67.9	0	12.66
37833.25	414	212	600	0.447	76.30	18.45	20.01	67.1	33	12.65
37833.29	414	212	700	0.294	131.40	60.11	21.90	63.4	136	12.76
37833.33	414	212	800	0.767	209.90	23.50	25.33	50.8	290	13.14
37833.38	414	212	900	1.414	208.70	23.74	27.10	41.4	410	13.08
37833.42	414	212	1000	1.103	200.20	44.67	28.54	37.0	460	13.04
37833.46	414	212	1100	1.835	224.10	29.16	30.01	33.7	714	13.00
37833.50	414	212	1200	1.677	212.90	36.87	31.74	30.7	707	12.98
37833.54	414	212	1300	1.688	246.10	64.49	33.55	27.3	728	12.95
37833.58	414	212	1400	2.227	248.00	39.47	34.58	26.4	750	12.92
37833.63	414	212	1500	3.072	244.00	26.31	34.49	26.1	695	12.91
37833.67	414	212	1600	3.388	236.40	25.53	34.33	26.7	569	12.90
37833.71	414	212	1700	2.881	235.80	35.66	33.44	30.3	429	12.91
37833.75	414	212	1800	2.496	248.30	29.24	31.98	35.6	268	12.93
37833.79	414	212	1900	2.188	249.00	24.40	30.94	35.6	113	12.87
37833.83	414	212	2000	0.886	287.80	56.72	29.38	38.3	4	12.82
37833.88	414	212	2100	0.620	73.50	45.90	26.79	46.9	0	12.79
37833.92	414	212	2200	0.301	76.70	80.60	25.37	53.3	0	12.78
37833.96	414	212	2300	0.341	68.18	78.80	25.36	51.4	0	12.77
37834.00	414	212	2400	0.552	50.82	58.74	24.96	51.5	0	12.76
37834.04	414	213	100	0.448	61.20	91.90	24.24	56.4	0	12.76
37834.08	414	213	200	0.347	355.10	91.30	23.81	58.6	0	12.75
37834.13	414	213	300	0.465	39.81	92.00	23.19	61.3	0	12.74
37834.17	414	213	400	0.397	104.30	86.30	23.23	60.5	0	12.74
37834.21	414	213	500	0.326	87.20	32.37	23.19	60.6	0	12.73
37834.25	414	213	600	0.276	69.71	38.82	22.21	65.2	29	12.73
37834.29	414	213	700	0.400	239.60	92.60	23.00	64.3	89	12.78
37834.33	414	213	800	0.779	99.70	33.22	25.49	52.6	280	13.11
37834.38	414	213	900	1.012	252.00	76.50	28.07	43.8	391	13.09
37834.42	414	213	1000	0.863	259.60	52.79	29.66	38.8	388	13.05
37834.46	414	213	1100	1.220	198.70	31.28	30.51	36.7	474	13.01
37834.50	414	213	1200	1.092	198.40	41.81	31.79	33.0	513	12.98
37834.54	414	213	1300	1.240	227.70	55.35	32.86	30.8	571	12.96
37834.58	414	213	1400	1.938	245.90	37.35	33.74	29.5	641	12.93
37834.63	414	213	1500	2.107	236.70	33.00	33.57	29.7	501	12.93
37834.67	414	213	1600	1.499	221.30	20.14	33.36	30.1	330	12.94
37834.71	414	213	1700	1.426	231.90	25.07	33.21	30.8	196	12.96
37834.75	414	213	1800	1.450	244.00	22.45	32.35	32.8	147	12.93
37834.79	414	213	1900	0.893	252.90	31.16	31.45	36.5	88	12.86
37834.83	414	213	2000	0.640	328.80	86.80	29.85	42.3	1	12.83
37834.88	414	213	2100	0.239	64.04	74.80	27.97	49.3	0	12.81
37834.92	414	213	2200	0.221	57.76	32.52	27.03	53.0	0	12.79
37834.96	414	213	2300	0.312	212.30	98.10	26.20	56.6	0	12.78
37835.00	414	213	2400	0.297	91.60	69.08	25.77	58.0	0	12.77
37835.04	414	214	100	0.622	82.90	43.97	25.79	57.1	0	12.77
37835.08	414	214	200	2.520	58.19	19.08	23.45	79.8	0	12.76
37835.13	414	214	300	0.634	293.30	60.38	21.83	96.1	0	12.75

37835.17	414	214	400	0.531	298.30	69.05	21.76	98.9	0	12.75
37835.21	414	214	500	0.747	357.10	57.40	21.77	98.4	0	12.74
37835.25	414	214	600	0.792	356.00	82.50	22.01	94.1	0	12.74
37835.29	414	214	700	0.592	283.10	74.80	21.83	94.4	8	12.73
37835.33	414	214	800	0.468	325.70	79.10	21.56	91.2	59	12.73
37835.38	414	214	900	0.543	269.10	51.05	21.15	96.7	79	12.73
37835.42	414	214	1000	0.363	188.50	18.12	20.96	98.1	82	12.73
37835.46	414	214	1100	1.034	238.50	31.45	21.06	98.1	98	12.80
37835.50	414	214	1200	0.847	273.70	25.29	20.69	100.2	111	12.92
37835.54	414	214	1300	1.257	255.30	26.88	21.68	95.2	180	13.17
37835.58	414	214	1400	1.109	244.90	32.32	22.16	91.5	171	13.20
37835.63	414	214	1500	1.201	246.60	69.84	21.88	91.2	93	13.00
37835.67	414	214	1600	0.749	63.26	27.63	21.88	94.2	92	12.99
37835.71	414	214	1700	0.397	2.18	84.20	22.42	93.7	79	12.93
37835.75	414	214	1800	0.569	271.70	50.27	22.70	92.5	87	12.93
37835.79	414	214	1900	0.472	12.54	33.11	22.49	92.6	50	12.86
37835.83	414	214	2000	0.703	8.26	37.10	22.02	93.7	0	12.84
37835.88	414	214	2100	0.660	332.60	93.50	21.36	98.1	0	12.83
37835.92	414	214	2200	0.409	4.91	57.74	20.98	100.9	0	12.81
37835.96	414	214	2300	0.725	198.60	91.40	20.94	102.0	0	12.80
37836.00	414	214	2400	0.356	71.80	45.72	21.04	102.1	0	12.78
37836.04	414	215	100	0.204	334.80	8.29	20.91	102.1	0	12.77
37836.08	414	215	200	0.116	23.54	22.71	20.55	102.0	0	12.74
37836.13	414	215	300	0.021	57.28	2.10	19.97	102.1	0	12.73
37836.17	414	215	400	0.058	65.31	8.41	19.46	102.4	0	12.71
37836.21	414	215	500	0.000	0.00	0.00	19.01	102.5	0	12.71
37836.25	414	215	600	0.000	0.00	0.00	18.82	102.7	28	12.70
37836.29	414	215	700	0.163	162.10	57.79	20.37	99.6	148	12.90
37836.33	414	215	800	0.582	222.50	23.61	21.17	96.3	159	13.15
37836.38	414	215	900	0.536	231.40	43.49	23.04	84.7	367	13.23
37836.42	414	215	1000	1.045	195.50	45.43	25.15	75.3	487	13.14
37836.46	414	215	1100	1.312	219.50	39.85	26.38	68.7	582	13.09
37836.50	414	215	1200	1.513	219.90	67.57	27.81	62.9	780	13.07
37836.54	414	215	1300	1.364	220.30	72.90	29.25	56.6	733	13.03
37836.58	414	215	1400	1.782	235.10	41.34	30.06	51.8	653	13.00
37836.63	414	215	1500	1.480	212.20	54.68	30.80	47.5	530	12.98
37836.67	414	215	1600	1.024	236.60	62.62	31.54	42.8	440	12.97
37836.71	414	215	1700	1.944	245.70	30.61	31.82	36.6	363	12.96
37836.75	414	215	1800	1.385	243.00	46.94	31.91	33.0	249	12.93
37836.79	414	215	1900	0.756	300.30	64.44	29.57	42.4	55	12.87
37836.83	414	215	2000	0.880	58.79	41.52	24.91	63.4	0	12.85
37836.88	414	215	2100	0.320	50.60	66.12	22.49	77.4	0	12.82
37836.92	414	215	2200	0.255	72.40	32.29	21.04	84.8	0	12.81
37836.96	414	215	2300	0.238	79.90	27.24	19.96	89.4	0	12.80
37837.00	414	215	2400	0.381	74.90	19.70	19.10	92.4	0	12.79
37837.04	414	216	100	0.323	70.70	24.88	18.56	92.8	0	12.78
37837.08	414	216	200	0.368	73.00	22.38	18.15	94.0	0	12.77
37837.13	414	216	300	0.347	65.17	22.20	17.60	95.9	0	12.77
37837.17	414	216	400	0.349	71.50	12.69	17.13	97.6	0	12.76
37837.21	414	216	500	0.413	74.40	52.89	16.95	98.0	0	12.76
37837.25	414	216	600	0.290	63.80	51.25	17.06	97.2	23	12.76
37837.29	414	216	700	0.297	197.40	69.09	19.52	86.6	126	12.88

37837.33	414	216	800	0.765	147.00	63.88	22.67	70.6	319	13.22
37837.38	414	216	900	1.336	205.20	29.51	24.02	69.7	381	13.14
37837.42	414	216	1000	1.278	211.20	41.31	25.49	61.4	500	13.12
37837.46	414	216	1100	1.459	208.20	33.07	27.26	54.2	682	13.07
37837.50	414	216	1200	1.855	218.30	34.26	29.11	46.3	780	13.05
37837.54	414	216	1300	2.021	232.20	46.29	30.44	40.2	780	13.02
37837.58	414	216	1400	2.369	238.70	37.13	31.49	36.5	741	12.99
37837.63	414	216	1500	2.602	248.70	34.59	32.12	33.3	690	12.97
37837.67	414	216	1600	2.476	225.80	35.10	32.26	32.5	548	12.95
37837.71	414	216	1700	3.051	237.50	25.19	31.64	33.3	411	12.96
37837.75	414	216	1800	2.981	250.60	23.18	30.82	36.1	244	12.94
37837.79	414	216	1900	1.576	231.90	49.12	29.89	39.8	74	12.87
37837.83	414	216	2000	0.752	91.60	76.00	28.03	46.2	0	12.85
37837.88	414	216	2100	0.596	76.30	28.15	24.11	67.0	0	12.83
37837.92	414	216	2200	0.410	70.60	33.26	22.52	74.8	0	12.82
37837.96	414	216	2300	0.632	62.45	47.13	21.99	77.1	0	12.81
37838.00	414	216	2400	0.619	64.15	44.06	21.65	77.6	0	12.80
37838.04	414	217	100	0.663	347.60	75.40	21.62	70.4	0	12.79
37838.08	414	217	200	1.239	285.40	34.24	20.83	59.1	0	12.79
37838.13	414	217	300	0.701	354.50	35.80	19.80	65.2	0	12.78
37838.17	414	217	400	0.665	15.06	50.89	18.52	73.7	0	12.78
37838.21	414	217	500	0.466	66.48	43.83	16.38	86.7	0	12.77
37838.25	414	217	600	0.368	85.60	16.74	15.45	89.9	17	12.76
37838.29	414	217	700	0.480	54.50	68.78	17.79	77.9	121	12.89
37838.33	414	217	800	0.780	202.70	95.90	19.34	70.4	293	13.27
37838.38	414	217	900	1.213	71.20	94.80	20.58	64.6	357	13.21
37838.42	414	217	1000	1.294	251.60	70.20	21.54	61.3	484	13.19
37838.46	414	217	1100	1.464	261.20	77.10	22.85	56.5	614	13.15
37838.50	414	217	1200	1.853	233.90	58.57	24.19	52.8	805	13.13
37838.54	414	217	1300	1.903	243.80	76.40	25.40	48.7	716	13.10
37838.58	414	217	1400	2.442	242.40	44.20	26.66	43.6	665	13.08
37838.63	414	217	1500	2.853	253.70	36.75	27.17	42.0	707	13.06
37838.67	414	217	1600	2.912	241.80	31.87	27.76	37.9	558	13.04
37838.71	414	217	1700	3.248	237.90	32.52	27.37	35.7	418	13.05
37838.75	414	217	1800	2.632	240.90	25.92	26.43	42.5	249	13.01
37838.79	414	217	1900	1.513	258.10	33.42	24.87	48.8	47	12.91
37838.83	414	217	2000	0.769	56.86	77.20	23.19	57.2	0	12.88
37838.88	414	217	2100	0.832	69.09	39.16	20.59	69.5	0	12.86
37838.92	414	217	2200	0.363	53.85	55.83	19.19	77.8	0	12.84
37838.96	414	217	2300	0.385	58.18	49.94	17.76	84.7	0	12.83
37839.00	414	217	2400	0.299	70.50	47.03	17.12	87.4	0	12.82
37839.04	414	218	100	0.355	68.06	30.81	16.48	89.8	0	12.81
37839.08	414	218	200	0.254	79.20	33.99	15.94	91.9	0	12.80
37839.13	414	218	300	0.264	68.47	27.56	15.48	93.5	0	12.80
37839.17	414	218	400	0.302	77.80	19.53	15.27	94.2	0	12.79
37839.21	414	218	500	0.151	72.00	13.08	15.50	94.3	0	12.79
37839.25	414	218	600	0.245	81.10	18.45	15.31	95.0	34	12.79
37839.29	414	218	700	0.360	171.10	68.67	18.60	77.9	145	13.04
37839.33	414	218	800	1.360	207.30	22.83	20.14	69.3	232	13.28
37839.38	414	218	900	1.261	224.40	47.89	21.27	62.6	310	13.25
37839.42	414	218	1000	1.408	239.00	59.34	22.83	58.0	408	13.20
37839.46	414	218	1100	2.223	216.20	37.42	24.25	53.4	588	13.15

37839.50	414	218	1200	1.756	234.00	53.74	25.37	49.5	653	13.12
37839.54	414	218	1300	2.188	236.80	42.31	26.46	46.3	736	13.10
37839.58	414	218	1400	2.652	236.40	36.47	27.37	44.1	620	13.08
37839.63	414	218	1500	3.632	235.40	28.87	28.38	37.9	697	13.05
37839.67	414	218	1600	4.275	237.50	32.74	28.69	29.6	558	13.05
37839.71	414	218	1700	3.294	243.90	30.26	28.48	28.5	411	13.05
37839.75	414	218	1800	3.111	243.20	25.05	27.37	35.7	242	13.02
37839.79	414	218	1900	2.373	252.20	22.97	25.93	44.0	55	12.92
37839.83	414	218	2000	0.912	300.70	92.40	24.21	49.3	0	12.89
37839.88	414	218	2100	0.582	67.72	21.93	20.84	65.0	0	12.87
37839.92	414	218	2200	0.552	53.59	57.82	19.06	72.3	0	12.86
37839.96	414	218	2300	0.470	38.04	87.10	18.13	74.3	0	12.84
37840.00	414	218	2400	0.442	61.90	60.08	17.06	78.6	0	12.83
37840.04	414	219	100	0.477	53.06	54.85	16.18	81.2	0	12.83
37840.08	414	219	200	0.550	45.83	85.30	15.69	84.6	0	12.82
37840.13	414	219	300	0.416	43.36	88.70	15.14	88.2	0	12.81
37840.17	414	219	400	0.401	66.79	35.93	14.12	91.9	0	12.81
37840.21	414	219	500	0.397	80.60	31.53	13.35	94.4	0	12.80
37840.25	414	219	600	0.302	79.30	20.88	13.15	95.5	15	12.79
37840.29	414	219	700	0.378	171.90	71.00	16.24	82.9	113	12.94
37840.33	414	219	800	0.844	323.90	83.60	19.24	68.5	304	13.32
37840.38	414	219	900	1.462	274.40	51.00	20.49	63.4	340	13.24
37840.42	414	219	1000	1.529	237.10	55.29	21.95	59.0	387	13.21
37840.46	414	219	1100	2.014	225.50	47.90	23.64	52.5	592	13.17
37840.50	414	219	1200	2.039	214.40	45.28	24.97	46.6	780	13.15
37840.54	414	219	1300	2.181	254.50	44.13	26.53	40.6	780	13.11
37840.58	414	219	1400	2.683	246.60	33.42	27.65	34.7	745	13.08
37840.63	414	219	1500	2.649	249.10	40.17	28.41	32.0	682	13.05
37840.67	414	219	1600	2.849	238.70	37.68	28.82	27.4	547	13.03
37840.71	414	219	1700	2.508	235.90	37.09	28.86	25.7	411	13.04
37840.75	414	219	1800	2.338	244.70	31.01	28.19	25.8	250	13.01
37840.79	414	219	1900	1.600	254.40	43.00	26.25	31.0	55	12.93
37840.83	414	219	2000	0.713	51.80	52.59	22.89	45.9	0	12.90
37840.88	414	219	2100	0.543	24.33	73.90	19.91	61.4	0	12.88
37840.92	414	219	2200	0.425	47.36	74.40	18.38	68.6	0	12.86
37840.96	414	219	2300	0.344	63.18	33.23	16.86	74.9	0	12.85
37841.00	414	219	2400	0.468	70.50	29.29	15.82	77.6	0	12.84
37841.04	414	220	100	0.466	71.10	54.01	15.14	79.0	0	12.83
37841.08	414	220	200	0.367	72.20	44.52	14.36	82.3	0	12.82
37841.13	414	220	300	0.405	69.63	12.12	13.83	84.5	0	12.81
37841.17	414	220	400	0.521	72.30	31.40	13.23	86.9	0	12.81
37841.21	414	220	500	0.385	80.30	33.31	12.88	88.0	0	12.80
37841.25	414	220	600	0.313	71.80	36.63	12.77	89.3	11	12.79
37841.29	414	220	700	0.185	161.00	61.15	16.15	76.7	109	12.94
37841.33	414	220	800	0.598	209.80	33.40	19.81	58.7	328	13.32
37841.38	414	220	900	0.878	199.50	67.47	21.68	51.3	363	13.21
37841.42	414	220	1000	1.321	232.20	53.10	23.50	45.0	379	13.18
37841.46	414	220	1100	1.921	220.90	29.86	24.97	41.3	637	13.14
37841.50	414	220	1200	1.932	233.20	45.24	26.49	35.9	780	13.12
37841.54	414	220	1300	2.299	231.30	53.13	28.00	31.5	780	13.09
37841.58	414	220	1400	2.689	230.70	40.56	29.39	26.4	753	13.05
37841.63	414	220	1500	2.533	242.20	30.49	30.04	25.7	685	13.02

37841.67	414	220	1600	2.518	247.80	28.76	30.27	24.2	547	13.01
37841.71	414	220	1700	2.183	249.40	27.02	30.23	24.8	410	13.01
37841.75	414	220	1800	1.990	255.10	22.87	29.85	23.6	245	12.98
37841.79	414	220	1900	0.854	298.10	47.14	27.86	27.4	55	12.92
37841.83	414	220	2000	0.822	69.56	25.26	23.75	42.2	0	12.90
37841.88	414	220	2100	0.400	340.80	76.20	21.13	55.9	0	12.88
37841.92	414	220	2200	0.416	53.89	72.00	19.63	63.9	0	12.86
37841.96	414	220	2300	0.450	53.62	63.43	18.55	68.0	0	12.85
37842.00	414	220	2400	0.487	65.75	35.50	17.59	70.1	0	12.84
37842.04	414	221	100	0.458	65.21	29.06	16.64	71.9	0	12.83
37842.08	414	221	200	0.370	72.60	30.33	16.08	72.1	0	12.82
37842.13	414	221	300	0.474	68.01	21.26	15.50	73.6	0	12.81
37842.17	414	221	400	0.493	75.70	27.17	14.84	75.5	0	12.80
37842.21	414	221	500	0.480	74.10	19.08	14.15	78.5	0	12.79
37842.25	414	221	600	0.510	72.20	24.58	13.77	80.7	7	12.78
37842.29	414	221	700	0.407	76.30	73.50	17.28	69.4	110	12.93
37842.33	414	221	800	0.547	182.30	73.50	22.52	49.4	334	13.29
37842.38	414	221	900	1.127	283.30	63.80	24.02	47.7	340	13.18
37842.42	414	221	1000	1.128	258.60	71.60	25.57	44.9	366	13.14
37842.46	414	221	1100	1.460	205.30	88.80	26.89	40.0	657	13.10
37842.50	414	221	1200	1.870	242.40	50.52	28.54	34.8	780	13.08
37842.54	414	221	1300	2.620	232.60	36.60	29.82	30.5	780	13.05
37842.58	414	221	1400	2.626	229.40	35.79	30.90	27.5	767	13.02
37842.63	414	221	1500	3.065	231.60	43.59	31.83	23.3	682	13.00
37842.67	414	221	1600	2.864	225.20	51.26	32.21	20.6	554	12.99
37842.71	414	221	1700	3.013	232.70	46.48	32.25	18.6	414	12.99
37842.75	414	221	1800	1.973	220.10	55.91	31.98	18.2	249	12.96
37842.79	414	221	1900	1.743	244.80	41.07	30.67	19.4	55	12.91
37842.83	414	221	2000	0.650	65.84	38.51	25.64	31.9	0	12.89
37842.88	414	221	2100	0.394	63.17	34.87	21.61	46.1	0	12.87
37842.92	414	221	2200	0.562	63.42	47.69	19.71	52.0	0	12.85
37842.96	414	221	2300	0.597	65.66	55.72	18.23	59.1	0	12.83
37843.00	414	221	2400	0.403	65.28	40.44	17.31	64.0	0	12.82
37843.04	414	222	100	0.334	66.96	54.57	16.58	66.7	0	12.81
37843.08	414	222	200	0.563	53.94	80.30	16.04	68.4	0	12.80
37843.13	414	222	300	0.680	44.39	72.90	15.70	69.6	0	12.79
37843.17	414	222	400	0.418	70.90	33.73	14.68	75.9	0	12.78
37843.21	414	222	500	0.413	72.10	17.50	14.28	78.1	0	12.78
37843.25	414	222	600	0.541	49.13	58.07	14.25	78.6	5	12.77
37843.29	414	222	700	0.463	102.70	77.80	17.66	66.1	111	12.92
37843.33	414	222	800	0.819	224.80	53.11	21.77	50.0	342	13.29
37843.38	414	222	900	0.978	296.60	78.00	24.20	37.9	336	13.18
37843.42	414	222	1000	1.421	265.30	67.78	25.92	35.0	325	13.14
37843.46	414	222	1100	1.853	236.60	53.59	27.18	33.1	658	13.10
37843.50	414	222	1200	2.220	220.10	27.33	28.37	31.2	783	13.08
37843.54	414	222	1300	2.287	257.20	40.11	29.83	28.3	791	13.05
37843.58	414	222	1400	3.057	246.90	31.35	30.98	26.2	779	13.02
37843.63	414	222	1500	3.205	235.30	29.88	31.89	25.2	676	13.00
37843.67	414	222	1600	3.364	239.80	24.64	32.22	23.2	553	12.99
37843.71	414	222	1700	2.802	235.80	31.75	32.21	23.4	412	12.99
37843.75	414	222	1800	2.821	259.80	23.18	31.40	24.5	244	12.96
37843.79	414	222	1900	1.465	275.80	27.97	29.61	27.2	48	12.91

37843.83	414	222	2000	0.992	60.15	51.01	25.39	38.5	0	12.88
37843.88	414	222	2100	0.413	25.07	57.08	22.46	48.6	0	12.87
37843.92	414	222	2200	0.412	72.00	28.77	20.24	55.8	0	12.85
37843.96	414	222	2300	0.572	76.50	49.62	18.56	57.9	0	12.83
37844.00	414	222	2400	0.285	69.66	43.00	17.99	61.2	0	12.82
37844.04	414	223	100	0.334	70.20	58.84	17.49	68.3	0	12.81
37844.08	414	223	200	0.280	60.57	43.69	17.00	72.4	0	12.80
37844.13	414	223	300	0.331	45.64	70.40	16.87	71.4	0	12.79
37844.17	414	223	400	0.665	68.48	39.94	16.15	73.3	0	12.78
37844.21	414	223	500	0.642	64.69	32.02	15.42	75.8	0	12.78
37844.25	414	223	600	0.473	64.89	32.37	14.84	77.9	4	12.77
37844.29	414	223	700	0.306	97.40	46.86	17.96	67.2	115	12.92
37844.33	414	223	800	0.704	208.50	25.43	21.55	52.1	349	13.29
37844.38	414	223	900	1.040	201.70	33.96	23.77	42.4	372	13.18
37844.42	414	223	1000	1.454	215.30	33.32	25.30	35.5	319	13.14
37844.46	414	223	1100	2.012	227.60	30.93	27.25	30.7	696	13.10
37844.50	414	223	1200	1.970	218.70	36.78	28.72	27.3	798	13.08
37844.54	414	223	1300	2.241	222.50	43.39	29.79	24.0	817	13.05
37844.58	414	223	1400	2.317	247.10	38.78	31.14	18.5	781	13.02
37844.63	414	223	1500	2.240	233.80	34.32	31.74	16.4	693	12.99
37844.67	414	223	1600	2.025	255.00	37.68	32.20	14.6	564	12.97
37844.71	414	223	1700	1.989	247.40	32.46	32.07	14.1	414	12.97
37844.75	414	223	1800	1.446	256.50	27.67	31.80	14.7	246	12.95
37844.79	414	223	1900	0.628	342.50	75.50	28.87	21.7	47	12.90
37844.83	414	223	2000	0.410	46.75	53.22	23.78	32.2	0	12.88
37844.88	414	223	2100	0.442	42.70	68.23	20.74	40.6	0	12.86
37844.92	414	223	2200	0.345	54.57	63.52	18.96	46.2	0	12.84
37844.96	414	223	2300	0.297	69.11	26.77	17.77	53.4	0	12.83
37845.00	414	223	2400	0.477	70.70	12.42	16.65	59.5	0	12.81
37845.04	414	224	100	0.510	67.70	15.07	15.76	63.9	0	12.80
37845.08	414	224	200	0.518	66.62	24.13	14.89	68.2	0	12.78
37845.13	414	224	300	0.482	72.00	17.12	14.14	70.8	0	12.77
37845.17	414	224	400	0.460	71.90	23.29	13.44	73.5	0	12.76
37845.21	414	224	500	0.516	69.17	29.45	12.81	75.9	0	12.76
37845.25	414	224	600	0.508	72.60	20.26	12.36	77.4	1	12.75
37845.29	414	224	700	0.249	103.30	39.03	16.20	64.6	120	12.93
37845.33	414	224	800	0.463	203.80	25.70	21.01	46.1	355	13.33
37845.38	414	224	900	0.920	201.90	27.35	24.22	33.0	377	13.18
37845.42	414	224	1000	1.627	223.60	25.99	26.54	29.0	340	13.14
37845.46	414	224	1100	1.998	216.10	19.81	28.40	24.3	714	13.09
37845.50	414	224	1200	1.651	227.40	40.36	30.30	20.0	810	13.06
37845.54	414	224	1300	2.199	240.30	39.03	31.62	17.0	821	13.02
37845.58	414	224	1400	2.502	243.20	46.13	32.40	14.8	772	12.99
37845.63	414	224	1500	2.470	245.20	37.48	33.05	13.6	699	12.97
37845.67	414	224	1600	2.490	234.90	34.74	33.22	14.0	558	12.95
37845.71	414	224	1700	2.354	237.80	41.02	32.91	13.3	414	12.96
37845.75	414	224	1800	1.753	243.10	35.40	32.63	11.3	248	12.94
37845.79	414	224	1900	1.037	293.60	51.75	29.79	16.2	46	12.90
37845.83	414	224	2000	0.858	64.73	20.70	24.08	28.5	0	12.87
37845.88	414	224	2100	0.408	66.45	51.82	21.55	36.2	0	12.85
37845.92	414	224	2200	0.480	71.00	53.89	19.88	41.4	0	12.83
37845.96	414	224	2300	0.493	74.20	49.10	18.36	44.6	0	12.82

37846.00	414	224	2400	0.391	63.66	42.82	17.20	47.3	0	12.80
37846.04	414	225	100	0.395	61.75	48.17	16.35	51.2	0	12.79
37846.08	414	225	200	0.555	72.10	20.58	15.49	54.9	0	12.78
37846.13	414	225	300	0.616	70.10	21.88	14.95	56.5	0	12.77
37846.17	414	225	400	0.497	73.40	37.66	14.28	61.3	0	12.76
37846.21	414	225	500	0.518	68.66	25.01	13.75	65.2	0	12.75
37846.25	414	225	600	0.526	69.79	16.91	13.04	69.3	1	12.75
37846.29	414	225	700	0.248	119.60	50.19	16.46	61.1	125	12.93
37846.33	414	225	800	0.582	194.90	23.29	20.95	44.2	347	13.32
37846.38	414	225	900	0.877	202.40	31.75	24.22	31.0	382	13.19
37846.42	414	225	1000	1.676	207.80	21.22	26.56	29.3	349	13.14
37846.46	414	225	1100	1.988	212.00	26.22	29.09	25.0	686	13.09
37846.50	414	225	1200	1.650	212.10	51.67	30.88	19.7	799	13.05
37846.54	414	225	1300	1.944	246.30	54.80	32.29	17.3	815	13.01
37846.58	414	225	1400	2.153	251.90	48.07	33.13	16.0	779	12.98
37846.63	414	225	1500	2.332	233.40	38.59	33.62	14.5	677	12.96
37846.67	414	225	1600	2.459	244.90	32.50	33.87	12.5	553	12.94
37846.71	414	225	1700	1.799	264.30	32.75	33.99	12.0	412	12.94
37846.75	414	225	1800	1.427	254.80	29.40	33.34	12.8	236	12.93
37846.79	414	225	1900	0.788	0.78	50.58	30.13	17.0	47	12.89
37846.83	414	225	2000	0.245	49.08	56.06	24.56	27.7	0	12.87
37846.88	414	225	2100	0.205	65.70	46.48	21.70	35.0	0	12.85
37846.92	414	225	2200	0.484	71.50	16.39	19.51	41.4	0	12.83
37846.96	414	225	2300	0.536	69.10	39.33	18.17	45.1	0	12.81
37847.00	414	225	2400	0.604	63.67	53.45	17.71	45.7	0	12.80
37847.04	414	226	100	0.605	62.39	65.38	16.60	50.1	0	12.78
37847.08	414	226	200	0.565	68.16	45.45	16.12	52.6	0	12.77
37847.13	414	226	300	0.652	74.60	15.56	15.49	55.6	0	12.76
37847.17	414	226	400	0.640	62.92	36.31	14.77	59.5	0	12.75
37847.21	414	226	500	0.596	72.50	14.71	14.12	61.5	0	12.75
37847.25	414	226	600	0.578	72.50	19.75	13.92	62.9	1	12.74
37847.29	414	226	700	0.347	93.80	22.37	17.32	55.9	122	12.92
37847.33	414	226	800	0.495	191.10	27.55	22.61	40.8	336	13.29
37847.38	414	226	900	1.129	220.20	20.92	25.49	29.8	381	13.17
37847.42	414	226	1000	1.942	219.80	15.89	27.49	27.4	310	13.12
37847.46	414	226	1100	2.143	215.30	20.19	29.19	24.1	688	13.08
37847.50	414	226	1200	1.919	219.50	30.51	30.73	22.2	779	13.04
37847.54	414	226	1300	1.708	237.20	54.79	32.11	20.3	780	13.01
37847.58	414	226	1400	2.141	271.30	48.34	33.31	18.8	775	12.97
37847.63	414	226	1500	2.443	239.40	37.99	33.74	18.9	660	12.95
37847.67	414	226	1600	2.143	251.70	37.33	33.47	18.5	413	12.94
37847.71	414	226	1700	1.684	237.40	27.06	32.38	20.1	184	12.97
37847.75	414	226	1800	1.738	230.50	51.53	32.42	14.9	183	12.96
37847.79	414	226	1900	0.934	316.80	77.20	29.81	20.6	48	12.89
37847.83	414	226	2000	0.701	73.10	30.11	24.59	32.1	0	12.86
37847.88	414	226	2100	0.883	62.23	82.60	21.86	41.8	0	12.85
37847.92	414	226	2200	0.535	64.52	71.90	20.55	47.5	0	12.83
37847.96	414	226	2300	0.576	79.20	62.34	20.67	47.8	0	12.82
37848.00	414	226	2400	0.367	68.75	43.82	20.23	50.0	0	12.80
37848.04	414	227	100	0.704	58.96	61.41	18.61	54.2	0	12.79
37848.08	414	227	200	0.583	73.50	25.30	17.34	58.9	0	12.78
37848.13	414	227	300	0.440	69.84	47.40	16.23	63.8	0	12.77

37848.17	414	227	400	0.464	68.58	38.70	15.23	65.7	0	12.76
37848.21	414	227	500	0.540	69.24	24.33	14.10	69.1	0	12.75
37848.25	414	227	600	0.463	72.50	25.67	13.34	70.8	0	12.74
37848.29	414	227	700	0.401	86.70	24.77	16.69	59.6	131	12.93
37848.33	414	227	800	0.439	199.90	23.67	21.96	44.5	346	13.29
37848.38	414	227	900	1.147	207.30	23.20	24.77	34.3	385	13.17
37848.42	414	227	1000	1.306	203.70	40.65	27.18	29.3	284	13.13
37848.46	414	227	1100	2.097	223.50	26.75	29.15	24.7	754	13.08
37848.50	414	227	1200	1.606	235.70	39.30	31.07	17.6	801	13.04
37848.54	414	227	1300	1.447	203.30	50.05	32.36	13.9	820	13.00
37848.58	414	227	1400	2.089	241.60	41.53	33.74	11.0	784	12.97
37848.63	414	227	1500	2.068	253.60	47.05	34.60	10.2	695	12.94
37848.67	414	227	1600	1.940	241.90	36.25	34.96	8.6	599	12.93
37848.71	414	227	1700	1.815	232.60	30.34	34.68	9.2	425	12.92
37848.75	414	227	1800	1.549	256.80	30.78	34.23	7.7	234	12.91
37848.79	414	227	1900	0.720	52.71	47.12	29.58	12.6	45	12.88
37848.83	414	227	2000	0.950	63.33	18.55	24.38	19.3	0	12.85
37848.88	414	227	2100	0.616	68.76	35.50	21.31	26.1	0	12.83
37848.92	414	227	2200	0.596	70.40	42.81	19.25	31.4	0	12.81
37848.96	414	227	2300	0.515	72.10	28.44	17.59	36.8	0	12.79
37849.00	414	227	2400	0.626	76.70	16.17	16.39	40.7	0	12.77
37849.04	414	228	100	0.543	65.63	19.64	15.51	43.3	0	12.76
37849.08	414	228	200	0.609	72.10	15.41	14.73	45.8	0	12.75
37849.13	414	228	300	0.607	73.70	9.75	14.09	48.1	0	12.74
37849.17	414	228	400	0.590	66.90	20.81	13.70	49.8	0	12.73
37849.21	414	228	500	0.613	72.30	14.82	13.13	52.0	0	12.73
37849.25	414	228	600	0.639	70.70	17.13	12.74	53.6	3	12.72
37849.29	414	228	700	0.410	93.30	39.28	16.04	47.6	133	12.93
37849.33	414	228	800	0.483	185.80	36.03	21.88	32.8	344	13.31
37849.38	414	228	900	0.955	215.60	28.20	25.68	20.8	384	13.17
37849.42	414	228	1000	0.895	213.60	34.54	28.66	20.6	403	13.11
37849.46	414	228	1100	1.350	208.50	36.40	31.29	18.4	742	13.04
37849.50	414	228	1200	1.797	230.10	41.77	33.36	15.7	785	13.01
37849.54	414	228	1300	2.233	228.90	46.89	35.03	14.1	800	12.97
37849.58	414	228	1400	2.137	236.30	53.27	35.75	12.7	775	12.95
37849.63	414	228	1500	2.025	213.00	39.69	36.17	12.3	667	12.92
37849.67	414	228	1600	1.864	229.90	39.61	36.54	11.6	541	12.91
37849.71	414	228	1700	1.356	220.60	48.67	36.57	11.2	402	12.90
37849.75	414	228	1800	1.406	265.40	37.50	35.87	12.0	231	12.89
37849.79	414	228	1900	0.677	54.69	46.93	31.29	16.6	40	12.86
37849.83	414	228	2000	0.414	61.61	41.64	26.19	24.0	0	12.84
37849.88	414	228	2100	0.510	60.85	45.43	23.41	29.4	0	12.81
37849.92	414	228	2200	0.443	65.22	38.62	21.65	33.9	0	12.79
37849.96	414	228	2300	0.522	63.79	26.87	19.81	39.1	0	12.78
37850.00	414	228	2400	0.499	70.30	21.88	18.84	42.0	0	12.77
37850.04	414	229	100	0.676	72.70	10.41	17.80	44.9	0	12.76
37850.08	414	229	200	0.600	71.40	12.81	17.08	46.9	0	12.75
37850.13	414	229	300	0.616	70.40	10.71	16.45	48.6	0	12.74
37850.17	414	229	400	0.526	70.30	11.87	16.01	49.8	0	12.73
37850.21	414	229	500	0.746	74.50	12.66	15.07	52.6	0	12.73
37850.25	414	229	600	0.527	73.50	12.17	14.74	54.2	2	12.72
37850.29	414	229	700	0.464	87.80	17.96	18.04	48.0	132	12.90

37850.33	414	229	800	0.278	191.80	22.34	23.63	34.5	337	13.26
37850.38	414	229	900	1.026	202.70	23.91	26.99	25.6	365	13.14
37850.42	414	229	1000	1.515	213.60	20.08	29.84	21.4	594	13.09
37850.46	414	229	1100	1.697	220.00	27.34	32.14	17.3	740	13.03
37850.50	414	229	1200	1.323	208.00	37.68	34.41	13.6	783	12.99
37850.54	414	229	1300	1.441	205.00	47.65	36.11	12.9	794	12.95
37850.58	414	229	1400	1.624	212.30	76.30	37.39	11.8	773	12.92
37850.63	414	229	1500	1.913	260.80	47.26	38.11	11.4	666	12.90
37850.67	414	229	1600	1.850	250.30	54.42	38.14	10.4	540	12.88
37850.71	414	229	1700	2.061	239.80	26.94	37.73	11.4	400	12.88
37850.75	414	229	1800	1.314	259.30	25.04	37.36	12.1	225	12.87
37850.79	414	229	1900	0.806	33.90	76.20	32.97	15.6	37	12.84
37850.83	414	229	2000	0.933	64.83	19.53	27.24	23.5	0	12.81
37850.88	414	229	2100	0.453	67.30	32.28	24.33	29.6	0	12.80
37850.92	414	229	2200	0.557	68.01	39.38	22.22	35.5	0	12.78
37850.96	414	229	2300	0.613	66.50	23.41	20.63	39.7	0	12.77
37851.00	414	229	2400	0.606	72.10	17.88	19.41	43.6	0	12.75
37851.04	414	230	100	0.595	71.80	9.14	18.48	46.7	0	12.74
37851.08	414	230	200	0.554	70.80	12.86	17.98	49.0	0	12.73
37851.13	414	230	300	0.551	69.47	10.50	17.47	50.8	0	12.73
37851.17	414	230	400	0.550	69.66	8.99	16.93	53.1	0	12.72
37851.21	414	230	500	0.534	69.27	12.63	16.28	55.9	0	12.72
37851.25	414	230	600	0.552	65.51	14.85	15.97	57.5	1	12.71
37851.29	414	230	700	0.401	97.50	43.12	19.15	50.0	129	12.88
37851.33	414	230	800	0.316	179.20	35.84	24.35	35.2	331	13.23
37851.38	414	230	900	1.017	202.80	26.14	27.93	28.4	370	13.11
37851.42	414	230	1000	1.565	213.80	17.45	30.78	21.6	617	13.07
37851.46	414	230	1100	1.992	217.90	23.60	33.02	19.4	733	13.01
37851.50	414	230	1200	1.229	204.30	43.14	35.14	16.7	780	12.98
37851.54	414	230	1300	1.489	225.50	40.60	36.99	14.4	779	12.93
37851.58	414	230	1400	1.750	224.90	33.77	38.38	14.1	764	12.90
37851.63	414	230	1500	2.120	236.00	33.81	39.26	13.3	661	12.88
37851.67	414	230	1600	2.222	237.90	28.54	39.41	12.0	525	12.87
37851.71	414	230	1700	2.187	241.40	27.93	39.08	13.1	389	12.86
37851.75	414	230	1800	1.916	246.20	25.03	38.19	13.4	214	12.85
37851.79	414	230	1900	1.141	244.80	60.14	35.96	17.7	38	12.82
37851.83	414	230	2000	1.061	74.60	56.86	31.23	24.5	0	12.80
37851.88	414	230	2100	0.774	63.40	59.71	26.65	31.1	0	12.79
37851.92	414	230	2200	0.462	68.98	43.01	24.33	36.6	0	12.77
37851.96	414	230	2300	0.512	68.44	29.45	22.34	44.0	0	12.76
37852.00	414	230	2400	0.217	76.30	18.08	21.93	48.8	0	12.75
37852.04	414	231	100	0.277	73.50	28.26	21.86	51.7	0	12.74
37852.08	414	231	200	0.544	72.30	10.72	21.12	56.3	0	12.73
37852.13	414	231	300	0.326	70.50	29.22	20.39	59.2	0	12.73
37852.17	414	231	400	0.386	80.30	22.01	19.86	61.3	0	12.72
37852.21	414	231	500	0.437	71.80	19.35	19.35	63.2	0	12.72
37852.25	414	231	600	0.357	71.60	37.59	18.71	65.8	9	12.71
37852.29	414	231	700	0.387	104.40	46.93	20.42	62.1	114	12.87
37852.33	414	231	800	0.411	199.00	27.26	24.29	51.4	236	13.22
37852.38	414	231	900	1.377	219.50	20.43	26.01	43.1	365	13.17
37852.42	414	231	1000	2.056	214.70	18.86	28.18	38.1	618	13.11
37852.46	414	231	1100	1.825	218.40	23.75	30.14	32.3	670	13.06

37852.50	414	231	1200	1.442	228.90	32.97	32.48	27.5	799	13.01
37852.54	414	231	1300	1.819	224.20	38.88	34.50	22.9	768	12.96
37852.58	414	231	1400	2.444	249.40	33.46	35.76	19.6	764	12.93
37852.63	414	231	1500	2.564	239.00	28.54	36.28	16.8	647	12.91
37852.67	414	231	1600	2.587	239.60	26.73	36.18	14.3	459	12.90
37852.71	414	231	1700	2.129	250.70	23.69	35.20	16.3	325	12.92
37852.75	414	231	1800	1.507	265.00	23.52	34.45	15.8	160	12.89
37852.79	414	231	1900	0.555	37.25	66.72	30.29	21.0	34	12.85
37852.83	414	231	2000	0.376	45.94	68.90	25.72	31.1	0	12.83
37852.88	414	231	2100	0.362	58.99	53.11	23.02	37.5	0	12.81
37852.92	414	231	2200	0.532	62.21	50.09	21.53	43.0	0	12.80
37852.96	414	231	2300	0.350	67.16	59.90	20.04	51.1	0	12.78
37853.00	414	231	2400	0.595	71.00	36.64	19.13	53.4	0	12.76
37853.04	414	232	100	0.565	69.62	36.02	18.46	57.7	0	12.75
37853.08	414	232	200	0.645	73.40	13.99	17.79	59.7	0	12.74
37853.13	414	232	300	0.528	70.20	14.97	17.25	60.1	0	12.72
37853.17	414	232	400	0.585	72.80	25.23	16.27	63.6	0	12.71
37853.21	414	232	500	0.555	72.30	18.82	15.55	66.3	0	12.70
37853.25	414	232	600	0.533	69.78	19.71	15.16	69.0	2	12.69
37853.29	414	232	700	0.320	99.20	32.66	18.03	61.8	129	12.87
37853.33	414	232	800	0.582	193.90	32.40	22.85	48.1	318	13.26
37853.38	414	232	900	1.179	202.60	23.96	25.90	35.5	385	13.16
37853.42	414	232	1000	1.298	207.00	30.20	28.61	27.8	620	13.10
37853.46	414	232	1100	1.381	216.80	27.82	30.82	24.2	730	13.04
37853.50	414	232	1200	1.360	215.20	46.40	33.33	20.7	780	13.00
37853.54	414	232	1300	2.214	241.80	30.69	35.43	16.9	780	12.96
37853.58	414	232	1400	2.333	240.30	38.83	36.71	15.5	759	12.93
37853.63	414	232	1500	2.388	233.10	40.53	37.30	14.3	671	12.91
37853.67	414	232	1600	1.807	219.80	42.68	37.79	13.4	514	12.89
37853.71	414	232	1700	2.157	237.70	40.74	37.47	13.0	389	12.89
37853.75	414	232	1800	1.818	260.20	24.54	36.54	13.6	213	12.87
37853.79	414	232	1900	0.770	360.00	75.70	32.78	18.4	35	12.84
37853.83	414	232	2000	0.834	63.14	25.00	27.90	28.0	0	12.82
37853.88	414	232	2100	0.518	65.54	45.87	25.43	34.2	0	12.81
37853.92	414	232	2200	0.612	71.80	57.24	23.38	40.9	0	12.79
37853.96	414	232	2300	0.380	70.30	54.70	22.08	45.5	0	12.77
37854.00	414	232	2400	0.421	70.30	30.00	21.34	48.1	0	12.75
37854.04	414	233	100	0.384	74.20	32.30	20.91	48.8	0	12.74
37854.08	414	233	200	0.669	72.70	15.06	20.32	50.7	0	12.73
37854.13	414	233	300	0.623	67.38	29.06	20.46	51.0	0	12.72
37854.17	414	233	400	0.561	82.80	31.32	19.75	54.5	0	12.72
37854.21	414	233	500	0.507	71.10	24.59	19.04	57.7	0	12.71
37854.25	414	233	600	0.487	57.35	77.70	19.81	55.8	0	12.71
37854.29	414	233	700	0.300	96.20	79.60	20.56	56.7	33	12.71
37854.33	414	233	800	0.440	187.60	81.10	21.83	55.0	117	12.96
37854.38	414	233	900	0.512	200.30	25.17	24.75	46.2	199	13.21
37854.42	414	233	1000	1.090	275.60	77.20	26.91	39.6	312	13.18
37854.46	414	233	1100	0.952	73.70	75.20	28.61	36.2	358	13.12
37854.50	414	233	1200	1.063	303.50	57.25	29.23	34.3	322	13.09
37854.54	414	233	1300	0.883	259.70	56.83	29.62	33.0	315	13.08
37854.58	414	233	1400	1.425	270.40	67.10	31.25	29.5	617	13.03
37854.63	414	233	1500	1.583	261.10	52.45	32.68	27.3	509	12.98

37854.67	414	233	1600	1.089	279.30	44.02	32.10	28.8	225	12.98
37854.71	414	233	1700	0.684	312.40	86.10	31.07	31.2	106	12.95
37854.75	414	233	1800	0.884	223.40	70.10	30.99	29.7	148	12.99
37854.79	414	233	1900	0.997	308.00	83.20	28.60	41.2	5	12.89
37854.83	414	233	2000	0.919	77.00	55.57	26.32	51.0	0	12.86
37854.88	414	233	2100	0.711	18.21	94.60	25.48	53.1	0	12.85
37854.92	414	233	2200	0.722	72.30	70.70	24.17	58.7	0	12.83
37854.96	414	233	2300	0.642	55.85	97.20	23.59	61.4	0	12.82
37855.00	414	233	2400	0.939	40.90	87.50	21.44	85.5	0	12.82
37855.04	414	234	100	1.604	354.60	102.30	20.01	93.4	0	12.81
37855.08	414	234	200	0.994	91.00	83.60	19.45	95.4	0	12.80
37855.13	414	234	300	0.796	204.30	95.50	19.23	98.3	0	12.79
37855.17	414	234	400	0.584	27.11	66.09	18.91	99.6	0	12.78
37855.21	414	234	500	0.438	135.20	99.20	18.77	99.6	0	12.77
37855.25	414	234	600	0.362	111.20	85.30	18.79	99.6	0	12.77
37855.29	414	234	700	0.702	227.70	99.40	18.89	99.8	3	12.76
37855.33	414	234	800	0.701	358.00	78.30	18.97	100.4	26	12.76
37855.38	414	234	900	0.785	242.30	28.30	19.26	99.6	84	12.77
37855.42	414	234	1000	0.753	251.90	37.95	19.50	98.4	97	12.87
37855.46	414	234	1100	0.358	328.00	61.20	20.38	94.3	164	13.14
37855.50	414	234	1200	0.587	297.00	80.90	21.50	87.6	241	13.26
37855.54	414	234	1300	1.384	244.40	32.33	21.67	86.9	278	13.22
37855.58	414	234	1400	1.824	241.20	29.00	22.73	81.0	389	13.23
37855.63	414	234	1500	1.824	249.20	39.93	24.13	74.0	556	13.18
37855.67	414	234	1600	1.989	232.20	36.77	24.68	69.5	360	13.14
37855.71	414	234	1700	2.343	242.90	25.24	24.48	67.1	235	13.16
37855.75	414	234	1800	2.006	255.20	24.88	24.25	66.5	225	13.14
37855.79	414	234	1900	1.255	257.70	27.68	22.75	70.6	32	12.98
37855.83	414	234	2000	0.454	11.18	71.90	20.87	78.7	0	12.93
37855.88	414	234	2100	0.610	53.09	34.31	18.98	88.3	0	12.90
37855.92	414	234	2200	0.524	66.04	66.15	19.02	88.8	0	12.88
37855.96	414	234	2300	0.446	27.61	83.70	18.82	90.4	0	12.87
37856.00	414	234	2400	0.167	75.00	42.87	17.99	93.9	0	12.86
37856.04	414	235	100	0.181	80.70	40.18	17.54	96.3	0	12.85
37856.08	414	235	200	0.126	85.10	19.37	17.01	97.3	0	12.84
37856.13	414	235	300	0.213	80.40	19.44	16.57	98.4	0	12.84
37856.17	414	235	400	0.213	59.83	37.77	15.99	99.5	0	12.83
37856.21	414	235	500	0.241	52.21	18.87	15.28	100.4	0	12.83
37856.25	414	235	600	0.326	61.35	38.83	14.91	101.0	2	12.82
37856.29	414	235	700	0.131	48.09	73.80	16.66	95.6	113	12.95
37856.33	414	235	800	0.582	199.10	21.21	19.64	83.1	314	13.33
37856.38	414	235	900	1.007	198.00	30.81	22.53	71.5	376	13.20
37856.42	414	235	1000	1.592	214.10	22.85	24.83	59.7	602	13.17
37856.46	414	235	1100	1.347	230.10	86.00	27.16	46.6	716	13.12
37856.50	414	235	1200	1.806	227.80	40.39	28.53	40.7	780	13.08
37856.54	414	235	1300	1.785	224.90	54.88	29.65	35.2	780	13.04
37856.58	414	235	1400	1.961	229.10	58.39	30.91	30.9	742	13.00
37856.63	414	235	1500	2.182	256.40	49.96	31.35	29.7	654	12.98
37856.67	414	235	1600	2.341	238.70	35.34	31.59	28.2	498	12.97
37856.71	414	235	1700	1.645	234.30	57.41	31.74	25.9	376	12.98
37856.75	414	235	1800	1.269	246.50	29.02	31.30	27.3	203	12.95
37856.79	414	235	1900	0.645	17.60	73.10	28.14	36.1	33	12.90

37856.83	414	235	2000	0.693	59.65	15.25	24.01	45.3	0	12.88
37856.88	414	235	2100	0.321	63.42	43.52	21.38	57.8	0	12.86
37856.92	414	235	2200	0.530	66.86	9.59	19.13	64.9	0	12.85
37856.96	414	235	2300	0.518	69.25	16.27	17.91	69.3	0	12.83
37857.00	414	235	2400	0.501	68.10	10.16	17.03	72.6	0	12.83
37857.04	414	236	100	0.531	71.70	11.68	16.36	75.3	0	12.81
37857.08	414	236	200	0.502	70.50	10.43	15.86	77.0	0	12.81
37857.13	414	236	300	0.503	71.90	11.07	15.36	78.6	0	12.80
37857.17	414	236	400	0.516	69.02	11.63	14.80	80.2	0	12.79
37857.21	414	236	500	0.511	70.50	8.69	13.99	82.8	0	12.78
37857.25	414	236	600	0.469	74.30	18.67	13.57	84.1	0	12.78
37857.29	414	236	700	0.554	88.00	22.23	16.20	75.2	103	12.92
37857.33	414	236	800	0.688	203.60	30.58	21.42	57.5	318	13.33
37857.38	414	236	900	0.824	206.60	27.11	24.49	45.9	374	13.17
37857.42	414	236	1000	1.294	214.40	24.86	27.75	34.2	608	13.13
37857.46	414	236	1100	1.367	211.80	30.79	30.33	27.1	726	13.07
37857.50	414	236	1200	1.352	213.30	41.17	32.21	22.2	780	13.02
37857.54	414	236	1300	1.756	241.10	59.23	33.65	21.1	780	12.98
37857.58	414	236	1400	2.221	238.60	40.78	34.64	20.3	750	12.96
37857.63	414	236	1500	2.019	259.90	50.12	35.24	19.4	657	12.94
37857.67	414	236	1600	2.238	235.80	33.18	35.34	18.6	500	12.92
37857.71	414	236	1700	1.682	241.70	33.12	35.29	18.0	374	12.92
37857.75	414	236	1800	1.180	261.90	33.95	34.60	17.1	201	12.91
37857.79	414	236	1900	0.586	51.00	54.05	30.37	24.4	30	12.87
37857.83	414	236	2000	0.732	63.90	41.64	25.49	32.2	0	12.86
37857.88	414	236	2100	0.196	67.37	80.40	22.92	39.5	0	12.84
37857.92	414	236	2200	0.565	68.29	13.21	20.89	45.0	0	12.82
37857.96	414	236	2300	0.631	69.83	17.93	19.38	51.6	0	12.81
37858.00	414	236	2400	0.619	71.80	11.19	18.20	57.1	0	12.80
37858.04	414	237	100	0.657	69.02	33.70	17.56	58.4	0	12.79
37858.08	414	237	200	0.563	57.06	38.10	16.81	61.5	0	12.78
37858.13	414	237	300	0.486	68.41	15.08	16.04	64.4	0	12.77
37858.17	414	237	400	0.562	67.40	9.27	15.44	66.8	0	12.76
37858.21	414	237	500	0.521	66.30	13.39	15.03	68.1	0	12.76
37858.25	414	237	600	0.579	67.92	18.79	14.56	70.1	0	12.75
37858.29	414	237	700	0.384	89.10	23.52	17.17	63.3	99	12.90
37858.33	414	237	800	0.286	194.00	17.41	22.62	47.1	319	13.32
37858.38	414	237	900	1.073	208.80	20.78	26.73	33.1	373	13.14
37858.42	414	237	1000	1.576	212.80	17.12	29.48	27.7	606	13.10
37858.46	414	237	1100	1.959	216.00	20.50	31.45	24.9	723	13.05
37858.50	414	237	1200	1.630	210.70	46.22	33.11	22.0	780	13.01
37858.54	414	237	1300	1.803	226.60	44.20	34.72	19.4	780	12.97
37858.58	414	237	1400	1.987	243.20	51.60	35.90	16.2	756	12.94
37858.63	414	237	1500	2.053	245.80	36.91	36.75	14.3	662	12.92
37858.67	414	237	1600	1.937	247.50	38.67	36.99	13.0	503	12.90
37858.71	414	237	1700	2.108	235.90	22.03	36.65	12.9	376	12.90
37858.75	414	237	1800	1.656	256.50	23.50	35.79	13.6	197	12.89
37858.79	414	237	1900	0.762	26.19	68.54	31.53	21.1	31	12.86
37858.83	414	237	2000	0.330	67.17	38.02	26.59	31.0	0	12.84
37858.88	414	237	2100	0.367	63.31	43.73	24.00	37.0	0	12.82
37858.92	414	237	2200	0.539	64.96	14.19	21.95	42.6	0	12.80
37858.96	414	237	2300	0.619	68.54	17.25	20.64	45.7	0	12.79

37859.00	414	237	2400	0.597	68.26	11.35	19.61	49.1	0	12.78
37859.04	414	238	100	0.628	74.80	8.32	18.76	51.4	0	12.76
37859.08	414	238	200	0.558	68.51	8.56	18.21	54.4	0	12.76
37859.13	414	238	300	0.593	70.30	17.47	17.78	55.8	0	12.75
37859.17	414	238	400	0.575	72.20	25.92	17.97	55.7	0	12.74
37859.21	414	238	500	0.452	79.70	31.03	18.47	54.7	0	12.74
37859.25	414	238	600	0.533	80.30	34.37	19.07	53.3	0	12.73
37859.29	414	238	700	0.400	71.00	53.27	19.82	52.9	22	12.73
37859.33	414	238	800	0.367	8.86	101.50	22.10	50.3	142	13.02
37859.38	414	238	900	0.485	178.00	63.08	25.95	40.0	233	13.26
37859.42	414	238	1000	0.791	212.30	25.46	27.21	39.4	233	13.19
37859.46	414	238	1100	1.297	221.50	44.30	29.58	30.6	540	13.13
37859.50	414	238	1200	1.334	232.60	53.93	31.81	24.6	551	13.05
37859.54	414	238	1300	1.645	221.30	39.20	32.85	24.0	802	13.00
37859.58	414	238	1400	1.489	239.60	57.37	34.22	22.5	746	12.96
37859.63	414	238	1500	1.808	233.10	67.95	34.84	22.1	638	12.93
37859.67	414	238	1600	1.913	232.70	58.28	35.45	21.8	502	12.92
37859.71	414	238	1700	2.013	244.00	30.28	35.40	22.4	361	12.92
37859.75	414	238	1800	1.932	243.00	27.13	34.18	25.3	181	12.90
37859.79	414	238	1900	0.719	23.81	70.40	31.27	31.5	26	12.86
37859.83	414	238	2000	0.562	65.90	13.67	27.01	42.3	0	12.85
37859.88	414	238	2100	0.288	67.68	34.27	25.11	47.9	0	12.83
37859.92	414	238	2200	0.320	65.11	41.39	23.43	53.6	0	12.81
37859.96	414	238	2300	0.554	67.57	22.59	22.02	59.0	0	12.80
37860.00	414	238	2400	0.492	67.03	28.49	21.19	61.4	0	12.78
37860.04	414	239	100	0.464	64.86	29.39	20.64	62.2	0	12.77
37860.08	414	239	200	0.588	72.00	18.55	19.72	64.2	0	12.76
37860.13	414	239	300	0.383	76.90	20.87	19.06	66.1	0	12.74
37860.17	414	239	400	0.561	61.64	58.70	18.21	68.5	0	12.73
37860.21	414	239	500	0.391	74.40	21.37	17.47	70.6	0	12.73
37860.25	414	239	600	0.467	70.00	14.67	16.86	73.2	0	12.72
37860.29	414	239	700	0.280	104.40	45.66	19.02	67.1	101	12.86
37860.33	414	239	800	0.539	214.80	33.74	23.59	53.9	292	13.27
37860.38	414	239	900	1.522	262.30	56.79	26.58	40.7	376	13.14
37860.42	414	239	1000	2.037	228.20	43.29	27.09	40.4	598	13.12
37860.46	414	239	1100	1.507	217.80	65.46	29.02	36.4	713	13.07
37860.50	414	239	1200	1.849	217.50	42.43	30.67	32.1	777	13.03
37860.54	414	239	1300	2.095	240.20	40.77	31.62	29.8	731	13.00
37860.58	414	239	1400	2.068	246.50	38.01	33.32	24.3	751	12.97
37860.63	414	239	1500	2.523	242.20	28.26	33.91	21.0	654	12.94
37860.67	414	239	1600	2.741	242.40	23.73	33.22	21.4	398	12.95
37860.71	414	239	1700	2.086	241.70	29.83	33.23	19.0	380	12.97
37860.75	414	239	1800	1.886	252.50	24.82	32.63	18.3	215	12.95
37860.79	414	239	1900	0.842	355.60	94.20	29.08	23.2	27	12.88
37860.83	414	239	2000	0.648	68.55	16.16	24.58	32.8	0	12.85
37860.88	414	239	2100	0.344	65.45	21.06	22.41	40.7	0	12.83
37860.92	414	239	2200	0.463	68.99	54.59	21.32	46.9	0	12.82
37860.96	414	239	2300	0.668	69.78	35.56	20.45	50.2	0	12.80
37861.00	414	239	2400	0.509	67.70	57.63	19.45	52.2	0	12.79
37861.04	414	240	100	0.587	71.10	28.66	18.62	55.2	0	12.78
37861.08	414	240	200	0.467	66.68	17.17	17.96	58.7	0	12.77
37861.13	414	240	300	0.522	70.00	22.67	17.43	60.5	0	12.75

37861.17	414	240	400	0.447	73.40	15.50	16.65	63.8	0	12.74
37861.21	414	240	500	0.542	67.38	18.51	16.16	66.6	0	12.73
37861.25	414	240	600	0.426	71.80	20.40	15.38	69.3	0	12.71
37861.29	414	240	700	0.405	97.80	48.80	16.90	64.8	100	12.86
37861.33	414	240	800	0.351	170.60	35.42	22.28	45.7	291	13.31
37861.38	414	240	900	0.747	197.50	30.08	25.41	34.8	386	13.16
37861.42	414	240	1000	1.775	213.90	21.49	27.33	30.4	604	13.12
37861.46	414	240	1100	2.035	256.60	50.96	29.16	27.0	722	13.08
37861.50	414	240	1200	2.391	229.10	37.88	30.34	24.7	780	13.04
37861.54	414	240	1300	2.372	230.60	33.70	31.14	23.0	780	13.02
37861.58	414	240	1400	2.821	233.90	28.04	32.42	18.3	749	12.99
37861.63	414	240	1500	3.043	237.80	33.46	33.13	16.4	653	12.97
37861.67	414	240	1600	3.085	250.10	24.92	32.86	16.3	503	12.96
37861.71	414	240	1700	2.585	251.70	24.59	32.32	15.6	367	12.98
37861.75	414	240	1800	1.654	259.40	29.28	31.05	21.2	184	12.94
37861.79	414	240	1900	0.647	359.10	87.10	28.00	27.3	21	12.88
37861.83	414	240	2000	0.378	66.88	46.62	23.56	38.2	0	12.86
37861.88	414	240	2100	0.404	39.46	69.38	21.54	46.6	0	12.84
37861.92	414	240	2200	0.332	79.60	41.54	20.26	52.8	0	12.82
37861.96	414	240	2300	0.504	70.10	27.45	18.95	57.4	0	12.81
37862.00	414	240	2400	0.490	64.15	27.19	17.67	61.2	0	12.79
37862.04	414	241	100	0.449	71.70	20.28	16.70	65.5	0	12.78
37862.08	414	241	200	0.507	69.17	16.91	16.12	66.6	0	12.77
37862.13	414	241	300	0.462	71.60	15.40	15.41	68.1	0	12.75
37862.17	414	241	400	0.460	73.80	13.64	15.04	68.5	0	12.74
37862.21	414	241	500	0.446	75.50	24.60	14.39	70.7	0	12.72
37862.25	414	241	600	0.485	79.20	42.78	13.77	73.2	0	12.71
37862.29	414	241	700	0.474	84.10	69.83	16.28	65.7	105	12.89
37862.33	414	241	800	0.589	208.60	31.07	20.40	54.6	284	13.34
37862.38	414	241	900	1.031	217.60	25.82	24.20	40.7	390	13.21
37862.42	414	241	1000	1.730	213.40	16.69	27.60	32.1	579	13.15
37862.46	414	241	1100	1.695	227.50	43.64	31.71	24.0	696	13.07
37862.50	414	241	1200	2.172	234.50	37.80	33.53	20.8	775	13.02
37862.54	414	241	1300	2.411	232.30	25.33	34.28	19.1	780	12.98
37862.58	414	241	1400	2.137	224.30	34.12	35.62	16.6	719	12.95
37862.63	414	241	1500	2.385	228.30	40.57	36.32	16.4	620	12.93
37862.67	414	241	1600	2.381	231.30	26.11	36.47	16.3	477	12.91
37862.71	414	241	1700	2.236	237.40	21.11	36.13	16.6	343	12.92
37862.75	414	241	1800	1.492	257.30	27.41	35.26	18.0	163	12.90
37862.79	414	241	1900	0.884	67.42	48.15	31.07	23.9	25	12.86
37862.83	414	241	2000	0.589	66.27	17.17	26.77	30.3	0	12.85
37862.88	414	241	2100	0.507	67.11	37.73	23.89	36.7	0	12.83
37862.92	414	241	2200	0.567	73.50	21.55	21.81	42.1	0	12.81
37862.96	414	241	2300	0.635	73.60	60.36	20.46	46.4	0	12.79
37863.00	414	241	2400	0.540	73.60	21.19	19.59	49.3	0	12.78
37863.04	414	242	100	0.535	72.20	16.14	18.84	53.1	0	12.76
37863.08	414	242	200	0.578	69.93	30.00	18.40	56.3	0	12.74
37863.13	414	242	300	0.490	69.60	12.88	17.95	57.9	0	12.73
37863.17	414	242	400	0.685	67.84	40.80	16.92	60.8	0	12.72
37863.21	414	242	500	0.599	66.24	62.76	16.03	62.4	0	12.71
37863.25	414	242	600	0.594	71.20	35.29	15.25	64.4	0	12.70
37863.29	414	242	700	0.407	81.80	44.64	17.32	59.4	104	12.89

37863.33	414	242	800	0.377	190.60	29.99	22.58	46.9	284	13.30
37863.38	414	242	900	1.068	194.80	21.32	25.78	37.1	408	13.17
37863.42	414	242	1000	1.163	203.80	29.43	28.18	31.0	591	13.11
37863.46	414	242	1100	1.588	226.80	36.20	30.15	26.7	707	13.06
37863.50	414	242	1200	1.690	225.80	33.66	32.06	25.2	780	13.02
37863.54	414	242	1300	2.172	246.70	32.57	33.61	24.4	780	12.98
37863.58	414	242	1400	1.953	234.60	36.34	35.25	21.4	719	12.95
37863.63	414	242	1500	1.956	226.80	33.25	36.35	17.9	630	12.92
37863.67	414	242	1600	2.294	229.10	24.99	36.51	16.5	491	12.91
37863.71	414	242	1700	2.054	238.40	22.44	36.14	17.7	348	12.91
37863.75	414	242	1800	1.476	254.40	27.46	35.04	19.1	166	12.89
37863.79	414	242	1900	0.858	39.86	72.10	30.78	24.1	22	12.86
37863.83	414	242	2000	0.445	69.74	26.50	25.83	33.3	0	12.84
37863.88	414	242	2100	0.284	65.51	44.66	23.32	40.6	0	12.82
37863.92	414	242	2200	0.523	74.70	30.66	21.64	45.9	0	12.80
37863.96	414	242	2300	0.547	66.51	30.20	20.39	50.7	0	12.78
37864.00	414	242	2400	0.559	68.93	36.70	19.55	54.7	0	12.76
37864.04	414	243	100	0.509	75.10	18.44	19.21	56.8	0	12.75
37864.08	414	243	200	0.470	70.00	16.73	18.79	59.8	0	12.73
37864.13	414	243	300	0.661	73.30	12.84	18.19	61.9	0	12.73
37864.17	414	243	400	0.599	72.30	14.02	17.98	61.9	0	12.72
37864.21	414	243	500	0.503	76.30	21.51	18.01	61.9	0	12.72
37864.25	414	243	600	0.506	67.32	31.21	17.76	62.8	0	12.71
37864.29	414	243	700	0.405	87.20	45.26	18.53	61.5	93	12.80
37864.33	414	243	800	0.269	181.40	58.31	21.74	55.4	159	13.19
37864.38	414	243	900	0.437	199.20	44.66	24.68	46.5	270	13.26
37864.42	414	243	1000	1.019	208.30	21.92	27.92	39.2	378	13.17
37864.46	414	243	1100	1.013	206.90	21.04	30.00	32.4	429	13.11
37864.50	414	243	1200	1.227	208.00	22.25	32.83	25.7	499	13.05
37864.54	414	243	1300	1.379	213.00	23.68	34.93	22.7	609	13.00
37864.58	414	243	1400	1.716	215.10	39.15	37.33	16.3	721	12.95
37864.63	414	243	1500	1.779	224.20	34.13	38.26	12.7	624	12.92
37864.67	414	243	1600	1.915	237.60	36.99	38.43	12.2	482	12.90
37864.71	414	243	1700	1.470	245.20	34.15	38.43	12.6	338	12.89
37864.75	414	243	1800	1.217	248.90	29.94	37.14	14.0	155	12.88
37864.79	414	243	1900	0.947	61.93	42.49	31.50	21.4	15	12.85
37864.83	414	243	2000	0.787	73.20	23.00	27.12	28.1	0	12.83
37864.88	414	243	2100	0.552	65.05	21.55	25.01	32.2	0	12.82
37864.92	414	243	2200	0.632	73.80	29.75	23.27	37.1	0	12.80
37864.96	414	243	2300	0.695	78.30	25.86	21.91	41.4	0	12.78
37865.00	414	243	2400	0.510	69.83	49.46	21.10	42.7	0	12.76
37865.04	414	244	100	0.502	67.29	31.12	20.24	45.2	0	12.75
37865.08	414	244	200	0.644	72.10	10.96	19.38	48.1	0	12.73
37865.13	414	244	300	0.759	68.08	16.09	18.71	50.7	0	12.72
37865.17	414	244	400	0.782	69.57	11.48	18.22	52.8	0	12.72
37865.21	414	244	500	0.670	75.90	9.65	17.71	54.2	0	12.71
37865.25	414	244	600	0.663	67.07	26.76	17.04	56.7	0	12.70
37865.29	414	244	700	0.412	87.40	18.45	18.83	52.6	104	12.87
37865.33	414	244	800	0.175	193.70	27.87	24.40	41.5	246	13.27
37865.38	414	244	900	0.791	195.00	29.89	28.39	27.7	417	13.15
37865.42	414	244	1000	1.152	213.10	31.31	31.49	23.7	572	13.07
37865.46	414	244	1100	1.543	223.10	22.38	33.81	19.9	694	13.01

37865.50	414	244	1200	2.052	216.30	20.15	35.64	16.5	767	12.97
37865.54	414	244	1300	2.040	216.50	32.64	37.34	14.6	779	12.93
37865.58	414	244	1400	1.895	216.20	41.81	38.19	14.1	706	12.90
37865.63	414	244	1500	1.838	222.20	33.71	38.77	13.3	608	12.88
37865.67	414	244	1600	1.673	228.40	52.63	39.14	13.0	470	12.87
37865.71	414	244	1700	1.441	242.40	42.38	39.17	12.9	327	12.87
37865.75	414	244	1800	0.503	244.90	51.72	38.07	15.9	154	12.85
37865.79	414	244	1900	0.629	71.00	14.92	32.52	23.9	19	12.82
37865.83	414	244	2000	0.470	56.30	33.27	28.53	29.1	0	12.80
37865.88	414	244	2100	0.334	55.45	66.66	25.85	34.2	0	12.78
37865.92	414	244	2200	0.666	69.41	43.98	23.83	39.7	0	12.76
37865.96	414	244	2300	0.558	61.96	24.54	22.86	41.9	0	12.75
37866.00	414	244	2400	0.704	69.19	19.11	21.50	47.0	0	12.74
37866.04	414	245	100	0.678	68.37	18.49	20.81	50.6	0	12.73
37866.08	414	245	200	0.715	73.30	12.07	20.09	52.4	0	12.72
37866.13	414	245	300	0.620	68.85	15.25	19.54	53.7	0	12.71
37866.17	414	245	400	0.506	82.70	35.89	18.94	56.0	0	12.71
37866.21	414	245	500	0.680	75.30	32.69	18.32	58.0	0	12.70
37866.25	414	245	600	0.454	68.11	15.24	17.96	59.2	0	12.70
37866.29	414	245	700	0.466	93.80	21.67	19.58	56.2	105	12.84
37866.33	414	245	800	0.349	194.50	36.14	25.10	45.8	232	13.24
37866.38	414	245	900	0.885	200.10	23.31	28.87	32.3	425	13.13
37866.42	414	245	1000	1.599	214.20	19.19	31.69	27.0	567	13.06
37866.46	414	245	1100	1.502	211.60	27.30	33.63	24.4	693	13.00
37866.50	414	245	1200	1.956	214.00	22.20	35.22	21.5	766	12.96
37866.54	414	245	1300	1.822	220.80	37.82	36.68	19.1	779	12.93
37866.58	414	245	1400	1.955	212.60	50.98	37.74	16.9	709	12.90
37866.63	414	245	1500	2.175	232.40	47.32	38.46	15.8	605	12.88
37866.67	414	245	1600	2.186	238.30	32.78	38.50	15.8	473	12.87
37866.71	414	245	1700	1.749	244.50	26.53	38.36	14.8	339	12.87
37866.75	414	245	1800	1.049	265.60	51.82	37.31	16.8	159	12.86
37866.79	414	245	1900	0.585	63.07	26.30	32.12	24.3	13	12.82
37866.83	414	245	2000	0.106	14.56	81.60	27.68	32.2	0	12.80
37866.88	414	245	2100	0.319	72.10	22.50	25.16	37.5	0	12.78
37866.92	414	245	2200	0.559	70.50	12.18	23.36	42.3	0	12.76
37866.96	414	245	2300	0.695	71.80	14.25	22.22	45.6	0	12.74
37867.00	414	245	2400	0.724	68.46	16.16	21.55	48.0	0	12.73
37867.04	414	246	100	0.656	71.00	9.03	20.98	50.2	0	12.72
37867.08	414	246	200	0.603	74.10	10.66	20.36	52.6	0	12.71
37867.13	414	246	300	0.592	70.30	23.63	19.69	54.8	0	12.71
37867.17	414	246	400	0.535	68.32	35.43	19.17	56.2	0	12.70
37867.21	414	246	500	0.476	73.50	22.22	18.90	57.3	0	12.70
37867.25	414	246	600	0.532	74.80	23.21	18.57	58.1	0	12.69
37867.29	414	246	700	0.477	77.60	83.70	20.53	54.1	127	12.84
37867.33	414	246	800	0.582	125.40	35.22	25.89	39.5	227	13.24
37867.38	414	246	900	1.327	210.20	26.18	28.22	36.1	382	13.13
37867.42	414	246	1000	1.778	218.70	16.89	28.60	37.6	425	13.10
37867.46	414	246	1100	1.687	220.60	35.95	30.71	32.1	480	13.05
37867.50	414	246	1200	1.115	165.00	84.30	30.80	32.2	309	13.03
37867.54	414	246	1300	0.982	142.90	89.60	32.05	28.6	229	13.03
37867.58	414	246	1400	1.509	78.50	38.93	32.96	25.7	185	13.03
37867.63	414	246	1500	1.044	356.80	84.20	33.46	25.5	182	13.00

37867.67	414	246	1600	1.773	59.58	62.82	32.22	28.1	89	12.94
37867.71	414	246	1700	1.958	29.07	44.43	32.97	27.5	216	13.04
37867.75	414	246	1800	0.699	258.70	53.09	33.26	29.2	157	12.97
37867.79	414	246	1900	0.400	24.46	76.70	30.22	35.5	17	12.89
37867.83	414	246	2000	0.629	69.17	39.73	27.37	42.6	0	12.86
37867.88	414	246	2100	0.365	55.70	34.29	25.32	48.8	0	12.84
37867.92	414	246	2200	0.490	72.50	65.45	23.23	54.9	0	12.82
37867.96	414	246	2300	0.389	75.10	50.88	21.97	58.4	0	12.81
37868.00	414	246	2400	0.388	75.50	46.68	21.33	60.2	0	12.80
37868.04	414	247	100	0.509	71.90	16.43	20.85	61.4	0	12.79
37868.08	414	247	200	0.587	67.43	60.30	20.67	61.6	0	12.78
37868.13	414	247	300	0.510	65.33	30.27	20.47	61.4	0	12.78
37868.17	414	247	400	0.495	73.00	19.86	20.00	63.0	0	12.77
37868.21	414	247	500	0.497	67.06	18.38	19.39	66.3	0	12.76
37868.25	414	247	600	0.516	69.78	16.61	18.97	68.9	0	12.76
37868.29	414	247	700	0.428	91.80	14.35	20.66	64.8	103	12.87
37868.33	414	247	800	0.459	193.60	31.81	25.51	52.4	211	13.20
37868.38	414	247	900	1.280	201.50	23.58	28.34	40.8	437	13.13
37868.42	414	247	1000	1.961	211.80	19.33	29.96	37.3	565	13.07
37868.46	414	247	1100	1.971	231.10	27.92	31.64	36.8	687	13.03
37868.50	414	247	1200	1.730	210.90	31.13	33.63	31.8	732	12.99
37868.54	414	247	1300	2.378	231.80	32.94	35.01	29.5	740	12.95
37868.58	414	247	1400	2.539	238.40	25.49	35.69	27.8	644	12.92
37868.63	414	247	1500	2.265	237.10	24.77	36.07	26.5	439	12.91
37868.67	414	247	1600	1.946	249.80	26.11	35.17	27.9	239	12.93
37868.71	414	247	1700	1.054	245.40	35.27	34.49	28.3	152	12.95
37868.75	414	247	1800	0.277	187.40	99.60	33.15	32.1	71	12.88
37868.79	414	247	1900	0.574	71.20	30.55	30.37	36.7	2	12.85
37868.83	414	247	2000	0.371	38.79	69.03	28.07	42.1	0	12.83
37868.88	414	247	2100	0.433	74.10	47.28	26.18	47.0	0	12.82
37868.92	414	247	2200	0.433	68.95	47.40	25.55	49.9	0	12.80
37868.96	414	247	2300	0.402	85.00	70.70	24.82	54.0	0	12.79
37869.00	414	247	2400	0.500	61.24	57.39	24.05	57.6	0	12.78
37869.04	414	248	100	0.395	77.00	44.48	23.00	61.4	0	12.77
37869.08	414	248	200	0.398	78.90	28.90	22.31	64.6	0	12.76
37869.13	414	248	300	0.439	74.20	23.07	21.50	69.4	0	12.75
37869.17	414	248	400	0.440	70.90	47.18	20.46	74.5	0	12.75
37869.21	414	248	500	0.466	70.40	34.19	19.68	77.2	0	12.73
37869.25	414	248	600	0.401	65.31	50.15	19.17	79.1	0	12.73
37869.29	414	248	700	0.284	107.00	61.44	20.27	75.3	103	12.85
37869.33	414	248	800	0.938	217.00	30.14	24.12	62.5	210	13.21
37869.38	414	248	900	1.282	219.80	31.08	25.18	55.0	436	13.18
37869.42	414	248	1000	1.202	217.50	26.55	27.35	50.9	566	13.10
37869.46	414	248	1100	1.768	210.90	25.75	29.08	46.0	691	13.06
37869.50	414	248	1200	1.846	224.90	31.35	31.03	38.1	757	13.02
37869.54	414	248	1300	2.300	234.70	36.20	32.85	34.0	775	12.98
37869.58	414	248	1400	2.996	239.20	32.38	33.99	30.4	699	12.96
37869.63	414	248	1500	3.536	237.30	29.25	34.20	27.3	603	12.94
37869.67	414	248	1600	3.345	240.10	24.95	33.56	27.4	471	12.94
37869.71	414	248	1700	2.882	239.80	27.53	33.05	26.7	332	12.97
37869.75	414	248	1800	1.631	252.50	33.86	32.19	27.7	151	12.93
37869.79	414	248	1900	0.969	328.50	66.83	28.59	36.7	8	12.86

37869.83	414	248	2000	0.537	57.21	64.28	24.38	48.8	0	12.84
37869.88	414	248	2100	0.154	56.84	58.18	22.04	55.1	0	12.82
37869.92	414	248	2200	0.468	72.00	28.09	20.39	59.6	0	12.81
37869.96	414	248	2300	0.502	67.24	30.24	19.17	62.9	0	12.79
37870.00	414	248	2400	0.594	71.80	15.55	18.20	64.8	0	12.78
37870.04	414	249	100	0.494	73.60	21.64	17.50	65.4	0	12.77
37870.08	414	249	200	0.498	73.70	28.93	17.04	66.3	0	12.76
37870.13	414	249	300	0.449	75.00	21.19	16.30	68.8	0	12.74
37870.17	414	249	400	0.477	74.00	20.48	15.56	72.1	0	12.73
37870.21	414	249	500	0.444	70.40	31.46	14.88	74.9	0	12.72
37870.25	414	249	600	0.293	73.70	50.85	14.34	76.1	0	12.71
37870.29	414	249	700	0.439	109.70	72.30	15.51	72.0	101	12.93
37870.33	414	249	800	0.612	191.20	27.72	19.28	59.2	232	13.29
37870.38	414	249	900	1.360	289.20	69.66	22.03	46.9	461	13.26
37870.42	414	249	1000	1.386	251.00	75.80	23.80	42.0	594	13.20
37870.46	414	249	1100	1.628	271.30	62.02	25.44	37.4	711	13.14
37870.50	414	249	1200	1.836	211.80	52.13	26.84	32.7	780	13.10
37870.54	414	249	1300	2.178	222.90	38.52	28.17	30.3	780	13.06
37870.58	414	249	1400	2.842	241.80	26.01	29.38	26.2	725	13.02
37870.63	414	249	1500	2.756	237.30	35.08	30.30	24.2	624	13.00
37870.67	414	249	1600	3.011	242.90	25.79	29.87	25.9	481	13.00
37870.71	414	249	1700	2.907	238.40	24.58	29.00	25.6	325	13.04
37870.75	414	249	1800	1.759	241.20	26.82	27.67	28.3	120	12.98
37870.79	414	249	1900	0.761	9.45	83.90	24.49	36.6	2	12.90
37870.83	414	249	2000	0.599	74.60	22.55	21.20	48.2	0	12.87
37870.88	414	249	2100	0.656	70.00	45.48	19.56	55.1	0	12.85
37870.92	414	249	2200	0.429	75.40	73.00	18.33	61.2	0	12.84
37870.96	414	249	2300	0.431	70.90	76.10	17.29	65.1	0	12.82
37871.00	414	249	2400	0.702	57.08	65.38	16.39	68.0	0	12.81
37871.04	414	250	100	0.468	72.60	28.04	15.65	70.6	0	12.80
37871.08	414	250	200	0.541	74.80	13.79	14.86	73.3	0	12.79
37871.13	414	250	300	0.428	72.60	22.52	14.79	73.5	0	12.79
37871.17	414	250	400	0.306	72.80	12.76	14.92	73.4	0	12.78
37871.21	414	250	500	0.490	91.60	22.22	15.11	73.1	0	12.78
37871.25	414	250	600	0.291	86.70	79.00	15.16	74.1	0	12.77
37871.29	414	250	700	0.502	92.70	36.39	15.95	71.1	89	12.89
37871.33	414	250	800	1.295	226.70	27.43	18.99	58.2	218	13.39
37871.38	414	250	900	1.226	216.90	17.26	20.17	55.3	288	13.34
37871.42	414	250	1000	1.420	214.00	26.75	21.42	52.4	383	13.29
37871.46	414	250	1100	1.346	215.90	29.93	23.04	46.3	439	13.21
37871.50	414	250	1200	1.599	243.30	44.13	23.79	43.9	387	13.19
37871.54	414	250	1300	1.725	244.30	29.05	24.30	42.5	306	13.17
37871.58	414	250	1400	1.890	246.80	24.13	24.08	43.7	201	13.20
37871.63	414	250	1500	1.866	237.10	21.60	23.66	44.9	194	13.22
37871.67	414	250	1600	1.520	220.20	48.66	23.82	42.9	181	13.23
37871.71	414	250	1700	1.297	221.80	61.59	23.75	44.7	146	13.20
37871.75	414	250	1800	0.503	143.20	67.61	23.42	47.1	59	13.01
37871.79	414	250	1900	0.907	289.70	37.18	22.67	49.0	20	12.95
37871.83	414	250	2000	0.753	69.30	37.05	19.79	58.1	0	12.93
37871.88	414	250	2100	0.660	81.80	67.06	18.21	65.1	0	12.90
37871.92	414	250	2200	0.456	62.28	61.87	18.49	65.6	0	12.89
37871.96	414	250	2300	0.470	76.00	42.98	17.05	70.2	0	12.88

37872.00	414	250	2400	0.705	67.45	15.35	15.16	71.3	0	12.87
37872.04	414	251	100	0.359	81.10	21.53	13.83	73.9	0	12.85
37872.08	414	251	200	0.390	76.70	24.18	12.67	77.8	0	12.84
37872.13	414	251	300	0.408	78.00	20.30	11.99	80.5	0	12.83
37872.17	414	251	400	0.447	78.40	16.53	10.88	85.2	0	12.82
37872.21	414	251	500	0.480	85.10	26.71	10.09	87.1	0	12.81
37872.25	414	251	600	0.467	76.50	30.79	9.54	88.3	0	12.81
37872.29	414	251	700	0.335	91.00	54.39	11.21	82.2	112	13.11
37872.33	414	251	800	0.437	202.60	42.60	15.94	63.5	233	13.36
37872.38	414	251	900	1.120	209.90	31.99	18.43	52.1	466	13.37
37872.42	414	251	1000	1.308	202.60	41.45	21.28	42.2	602	13.27
37872.46	414	251	1100	1.920	217.50	34.29	23.13	37.0	720	13.21
37872.50	414	251	1200	1.584	226.00	47.54	24.11	32.0	539	13.16
37872.54	414	251	1300	2.006	220.60	38.11	24.82	28.4	575	13.13
37872.58	414	251	1400	1.429	225.70	63.58	25.67	23.0	674	13.10
37872.63	414	251	1500	1.511	211.50	62.96	26.42	17.5	534	13.06
37872.67	414	251	1600	1.357	225.40	33.10	26.29	16.9	308	13.07
37872.71	414	251	1700	0.593	244.20	31.64	25.44	18.5	140	13.11
37872.75	414	251	1800	0.241	210.50	74.10	24.61	25.4	117	13.04
37872.79	414	251	1900	0.368	65.29	23.41	19.89	27.6	3	12.94
37872.83	414	251	2000	0.288	67.50	42.94	16.80	36.1	0	12.91
37872.88	414	251	2100	0.562	74.30	60.14	15.52	39.9	0	12.89
37872.92	414	251	2200	0.539	73.30	45.26	15.56	41.7	0	12.88
37872.96	414	251	2300	0.554	73.40	49.21	15.68	41.1	0	12.87
37873.00	414	251	2400	0.486	73.30	46.42	16.01	40.9	0	12.86
37873.04	414	252	100	0.495	73.40	44.95	16.82	40.2	0	12.86
37873.08	414	252	200	0.411	72.30	58.43	16.91	45.0	0	12.86
37873.13	414	252	300	0.318	84.10	55.98	16.14	60.9	0	12.86
37873.17	414	252	400	0.536	352.50	56.27	13.68	89.6	0	12.85
37873.21	414	252	500	0.464	74.50	57.24	13.40	94.8	0	12.84
37873.25	414	252	600	0.383	143.70	80.00	13.46	95.2	0	12.83
37873.29	414	252	700	0.444	119.80	56.91	13.91	92.7	33	12.83
37873.33	414	252	800	0.638	186.30	69.33	14.76	91.0	68	12.88
37873.38	414	252	900	0.764	111.10	68.87	15.57	76.9	134	13.18
37873.42	414	252	1000	0.851	199.60	94.20	16.63	67.5	195	13.43
37873.46	414	252	1100	1.322	296.50	48.79	17.59	67.2	175	13.40
37873.50	414	252	1200	1.231	254.80	75.70	17.92	65.9	277	13.40
37873.54	414	252	1300	1.237	290.60	86.60	18.54	62.1	351	13.36
37873.58	414	252	1400	1.363	247.70	44.27	19.82	57.3	371	13.31
37873.63	414	252	1500	1.258	311.20	86.10	21.12	53.9	447	13.27
37873.67	414	252	1600	1.454	248.90	78.00	22.98	47.5	505	13.19
37873.71	414	252	1700	1.425	31.39	82.20	23.40	47.3	326	13.18
37873.75	414	252	1800	1.078	333.50	46.70	22.96	50.4	123	13.09
37873.79	414	252	1900	0.381	285.00	36.41	21.33	57.3	5	12.99
37873.83	414	252	2000	0.244	57.31	55.09	19.68	63.3	0	12.96
37873.88	414	252	2100	0.271	90.30	62.66	18.53	68.8	0	12.94
37873.92	414	252	2200	0.337	330.70	87.10	17.58	72.9	0	12.92
37873.96	414	252	2300	0.320	60.71	82.00	16.76	75.3	0	12.91
37874.00	414	252	2400	0.314	78.00	45.00	15.75	79.1	0	12.91
37874.04	414	253	100	0.379	64.92	31.32	14.23	83.7	0	12.89
37874.08	414	253	200	0.294	73.80	28.45	13.13	87.2	0	12.89
37874.13	414	253	300	0.440	66.05	20.81	12.39	89.8	0	12.88

37874.17	414	253	400	0.411	75.60	27.21	11.77	92.2	0	12.87
37874.21	414	253	500	0.372	72.30	22.08	11.21	94.2	0	12.86
37874.25	414	253	600	0.384	75.50	25.08	10.61	95.9	0	12.84
37874.29	414	253	700	0.356	100.80	59.22	11.94	91.2	108	13.13
37874.33	414	253	800	0.326	184.50	44.14	16.38	74.8	224	13.35
37874.38	414	253	900	0.557	193.10	51.22	19.73	61.2	441	13.36
37874.42	414	253	1000	1.242	188.10	54.78	23.24	45.4	561	13.25
37874.46	414	253	1100	1.615	238.40	70.90	25.61	33.8	687	13.18
37874.50	414	253	1200	2.138	263.90	49.09	27.14	30.0	715	13.14
37874.54	414	253	1300	2.165	282.10	67.95	28.80	25.7	744	13.09
37874.58	414	253	1400	2.361	280.50	61.70	30.08	21.9	688	13.05
37874.63	414	253	1500	2.238	270.10	69.28	31.13	17.4	581	13.02
37874.67	414	253	1600	2.095	247.90	87.20	31.47	16.5	455	13.02
37874.71	414	253	1700	1.901	62.86	73.90	31.22	16.5	305	13.03
37874.75	414	253	1800	1.429	110.10	59.40	30.42	16.7	121	12.99
37874.79	414	253	1900	0.609	59.41	72.10	27.48	21.4	6	12.95
37874.83	414	253	2000	1.013	62.60	26.03	25.45	27.9	0	12.93
37874.88	414	253	2100	1.603	17.72	39.01	23.47	27.9	0	12.91
37874.92	414	253	2200	1.657	32.58	33.03	24.21	27.2	0	12.90
37874.96	414	253	2300	1.401	49.45	42.68	23.40	30.3	0	12.89
37875.00	414	253	2400	0.575	71.30	58.45	18.64	43.1	0	12.88
37875.04	414	254	100	0.604	80.00	84.50	18.83	45.2	0	12.87
37875.08	414	254	200	0.645	73.90	73.00	17.39	50.5	0	12.86
37875.13	414	254	300	0.656	9.74	91.70	17.77	48.8	0	12.85
37875.17	414	254	400	0.645	341.30	89.20	18.93	45.1	0	12.84
37875.21	414	254	500	0.669	279.60	76.50	18.28	48.7	0	12.84
37875.25	414	254	600	0.479	69.14	57.23	16.98	53.7	0	12.83
37875.29	414	254	700	0.462	33.05	97.70	17.44	54.6	101	13.06
37875.33	414	254	800	0.695	178.10	69.37	22.94	41.9	211	13.24
37875.38	414	254	900	1.322	200.00	80.50	27.12	32.2	427	13.22
37875.42	414	254	1000	1.443	341.30	87.60	29.83	26.6	557	13.13
37875.46	414	254	1100	1.802	282.90	53.89	31.86	21.8	679	13.08
37875.50	414	254	1200	1.951	301.00	65.77	33.62	20.3	712	13.03
37875.54	414	254	1300	2.168	303.50	75.50	35.00	18.8	726	12.99
37875.58	414	254	1400	2.387	283.70	72.00	35.76	17.2	687	12.96
37875.63	414	254	1500	2.533	294.10	84.60	36.04	17.5	574	12.95
37875.67	414	254	1600	2.018	35.17	90.50	36.50	17.8	442	12.94
37875.71	414	254	1700	1.295	329.20	77.90	36.18	19.9	297	12.94
37875.75	414	254	1800	1.263	250.80	62.66	34.47	21.9	113	12.91
37875.79	414	254	1900	0.574	140.90	97.90	31.25	26.1	8	12.89
37875.83	414	254	2000	0.825	51.95	30.31	28.03	31.4	0	12.88
37875.88	414	254	2100	1.098	71.50	38.52	28.33	30.1	0	12.86
37875.92	414	254	2200	1.192	51.39	40.87	27.75	29.2	0	12.86
37875.96	414	254	2300	0.845	54.65	67.50	23.09	41.5	0	12.85
37876.00	414	254	2400	1.028	58.76	59.32	24.17	37.6	0	12.84
37876.04	414	255	100	0.597	338.40	92.70	21.00	46.9	0	12.83
37876.08	414	255	200	0.564	61.31	55.73	18.52	54.0	0	12.82
37876.13	414	255	300	0.606	76.30	61.16	17.32	57.8	0	12.81
37876.17	414	255	400	0.883	21.81	93.40	19.20	51.8	0	12.80
37876.21	414	255	500	0.840	27.10	77.80	20.96	47.7	0	12.80
37876.25	414	255	600	1.052	40.58	65.06	21.24	48.5	0	12.80
37876.29	414	255	700	0.759	67.59	46.31	19.36	55.7	99	13.01

37876.33	414	255	800	1.445	301.30	72.40	24.23	44.1	214	13.19
37876.38	414	255	900	1.860	309.10	52.04	26.98	34.5	433	13.20
37876.42	414	255	1000	1.793	328.40	69.02	29.89	21.4	563	13.13
37876.46	414	255	1100	1.798	330.20	74.60	31.96	15.3	685	13.07
37876.50	414	255	1200	2.331	283.30	68.43	33.00	14.1	735	13.03
37876.54	414	255	1300	2.407	289.20	67.00	34.03	13.5	744	12.99
37876.58	414	255	1400	2.581	290.20	58.24	34.64	13.2	690	12.97
37876.63	414	255	1500	2.232	291.90	71.80	35.42	13.1	580	12.95
37876.67	414	255	1600	1.937	315.60	93.00	35.50	12.7	447	12.94
37876.71	414	255	1700	1.631	101.50	91.10	35.11	12.4	302	12.95
37876.75	414	255	1800	1.821	55.17	38.36	33.55	12.3	112	12.92
37876.79	414	255	1900	1.717	64.39	39.00	31.50	12.0	5	12.88
37876.83	414	255	2000	1.353	65.99	37.39	29.59	12.6	0	12.87
37876.88	414	255	2100	0.917	71.70	34.91	23.30	22.1	0	12.85
37876.92	414	255	2200	0.805	67.84	46.20	20.20	27.5	0	12.83
37876.96	414	255	2300	1.787	353.50	33.64	25.04	18.2	0	12.82
37877.00	414	255	2400	2.029	340.10	30.51	25.32	15.5	0	12.81
37877.04	414	256	100	2.077	347.60	29.51	24.29	15.1	0	12.81
37877.08	414	256	200	1.781	343.60	47.63	23.36	16.8	0	12.81
37877.13	414	256	300	1.446	348.30	63.38	22.93	17.8	0	12.80
37877.17	414	256	400	1.476	355.90	63.55	21.67	19.9	0	12.80
37877.21	414	256	500	1.598	353.40	53.77	21.23	20.4	0	12.79
37877.25	414	256	600	1.290	31.25	75.10	19.31	24.4	0	12.79
37877.29	414	256	700	0.759	93.40	56.31	16.72	31.6	99	13.01
37877.33	414	256	800	0.554	134.80	73.20	20.88	28.1	222	13.22
37877.38	414	256	900	0.758	155.30	42.22	24.66	20.4	442	13.23
37877.42	414	256	1000	1.568	239.80	62.81	27.64	16.3	572	13.15
37877.46	414	256	1100	1.625	288.60	59.79	29.66	13.9	691	13.10
37877.50	414	256	1200	1.980	296.90	60.06	31.55	12.8	754	13.05
37877.54	414	256	1300	2.052	269.60	57.31	33.45	11.7	758	13.00
37877.58	414	256	1400	2.410	253.20	58.96	34.75	10.8	691	12.97
37877.63	414	256	1500	3.146	255.80	36.18	35.63	9.9	582	12.95
37877.67	414	256	1600	2.353	260.80	47.52	36.13	9.1	448	12.94
37877.71	414	256	1700	1.667	276.00	48.63	35.92	9.2	298	12.95
37877.75	414	256	1800	0.940	312.90	77.90	33.78	11.7	110	12.92
37877.79	414	256	1900	0.959	26.41	46.71	29.25	15.1	4	12.89
37877.83	414	256	2000	0.636	246.60	76.00	23.77	23.3	0	12.86
37877.88	414	256	2100	0.572	320.70	96.20	22.50	24.7	0	12.84
37877.92	414	256	2200	0.394	74.20	47.48	19.99	26.9	0	12.82
37877.96	414	256	2300	0.479	77.40	45.09	17.93	30.1	0	12.80
37878.00	414	256	2400	0.472	71.80	28.29	16.59	33.1	0	12.78
37878.04	414	257	100	0.541	74.00	15.24	15.50	35.6	0	12.77
37878.08	414	257	200	0.643	70.90	22.07	14.70	36.9	0	12.76
37878.13	414	257	300	0.718	70.20	17.60	13.98	39.0	0	12.75
37878.17	414	257	400	0.529	72.90	20.62	13.43	40.8	0	12.74
37878.21	414	257	500	0.578	71.00	27.96	12.74	43.1	0	12.74
37878.25	414	257	600	0.654	76.00	21.15	12.35	43.8	0	12.73
37878.29	414	257	700	0.512	77.70	22.94	13.67	42.1	97	13.04
37878.33	414	257	800	0.232	146.50	47.77	20.02	32.1	227	13.28
37878.38	414	257	900	0.420	183.70	35.59	25.38	20.1	441	13.27
37878.42	414	257	1000	1.108	212.40	26.98	28.41	17.3	571	13.15
37878.46	414	257	1100	1.409	216.40	28.36	31.07	12.4	691	13.08

37878.50	414	257	1200	1.628	212.80	42.47	32.98	11.2	757	13.02
37878.54	414	257	1300	2.207	241.70	44.16	34.45	10.0	766	12.98
37878.58	414	257	1400	2.191	242.20	36.30	35.51	9.1	691	12.96
37878.63	414	257	1500	2.270	236.40	27.45	35.90	8.9	578	12.94
37878.67	414	257	1600	2.490	238.20	22.94	35.89	10.2	444	12.93
37878.71	414	257	1700	2.045	235.20	21.10	35.24	11.6	292	12.94
37878.75	414	257	1800	0.858	273.20	47.35	33.41	14.5	104	12.91
37878.79	414	257	1900	0.777	71.80	29.47	27.19	23.0	1	12.87
37878.83	414	257	2000	0.374	62.96	48.67	23.39	29.1	0	12.85
37878.88	414	257	2100	0.477	51.71	83.50	21.29	34.5	0	12.82
37878.92	414	257	2200	0.490	76.30	26.29	19.80	38.0	0	12.80
37878.96	414	257	2300	0.515	70.70	36.23	18.88	40.8	0	12.79
37879.00	414	257	2400	0.511	72.00	37.85	18.15	43.2	0	12.78
37879.04	414	258	100	0.503	70.70	33.22	17.27	46.7	0	12.77
37879.08	414	258	200	0.547	76.50	51.77	16.42	50.1	0	12.76
37879.13	414	258	300	0.557	73.10	33.10	15.40	53.4	0	12.75
37879.17	414	258	400	0.542	79.90	35.45	14.40	57.6	0	12.74
37879.21	414	258	500	0.553	73.70	30.67	13.97	58.7	0	12.73
37879.25	414	258	600	0.269	78.90	56.39	14.30	57.8	0	12.73
37879.29	414	258	700	0.467	79.40	46.44	15.75	53.8	57	12.74
37879.33	414	258	800	0.355	164.20	90.00	18.26	51.6	123	13.06
37879.38	414	258	900	0.781	211.50	35.61	21.47	39.1	287	13.36
37879.42	414	258	1000	1.024	218.90	27.07	23.97	30.4	471	13.26
37879.46	414	258	1100	1.199	199.40	58.29	27.06	25.4	679	13.17
37879.50	414	258	1200	1.577	221.50	49.23	29.03	22.6	698	13.09
37879.54	414	258	1300	2.637	238.30	33.75	30.76	21.1	698	13.03
37879.58	414	258	1400	3.042	245.70	26.61	31.20	20.8	677	13.01
37879.63	414	258	1500	2.813	239.60	28.56	31.43	23.6	550	12.99
37879.67	414	258	1600	3.120	242.80	25.00	31.05	24.5	426	13.00
37879.71	414	258	1700	2.297	241.70	26.39	30.86	23.9	274	13.02
37879.75	414	258	1800	1.842	259.90	28.74	29.57	24.8	96	12.96
37879.79	414	258	1900	0.911	309.40	77.30	26.34	28.9	3	12.91
37879.83	414	258	2000	0.675	73.80	52.30	22.53	39.2	0	12.88
37879.88	414	258	2100	0.226	70.70	63.61	20.59	48.7	0	12.87
37879.92	414	258	2200	0.437	42.30	79.30	19.07	56.6	0	12.85
37879.96	414	258	2300	0.411	60.23	47.61	17.76	60.7	0	12.83
37880.00	414	258	2400	0.583	58.52	76.40	16.42	65.5	0	12.82
37880.04	414	259	100	0.551	66.92	56.50	15.88	68.3	0	12.81
37880.08	414	259	200	0.288	75.10	27.20	15.22	72.6	0	12.80
37880.13	414	259	300	0.362	79.30	17.85	14.23	76.3	0	12.78
37880.17	414	259	400	0.572	72.00	32.92	13.54	79.5	0	12.77
37880.21	414	259	500	0.940	356.00	87.10	14.02	80.0	0	12.75
37880.25	414	259	600	0.611	63.73	67.74	13.10	84.1	0	12.74
37880.29	414	259	700	0.381	92.10	54.48	13.01	82.8	102	12.89
37880.33	414	259	800	0.435	159.90	68.84	16.16	70.4	204	13.37
37880.38	414	259	900	1.273	210.10	19.05	19.29	53.3	408	13.38
37880.42	414	259	1000	1.202	223.00	33.37	20.92	43.9	506	13.29
37880.46	414	259	1100	1.298	208.60	43.69	22.64	36.3	624	13.22
37880.50	414	259	1200	1.684	210.50	46.59	24.48	25.2	702	13.16
37880.54	414	259	1300	1.705	223.00	34.77	25.77	23.3	704	13.11
37880.58	414	259	1400	1.509	231.40	77.80	26.57	22.0	648	13.07
37880.63	414	259	1500	1.712	224.00	51.76	27.26	21.8	555	13.04

37880.67	414	259	1600	1.728	252.00	52.41	27.66	22.2	423	13.04
37880.71	414	259	1700	1.948	236.60	46.57	27.41	23.7	266	13.07
37880.75	414	259	1800	2.401	259.60	21.99	26.10	25.4	105	13.03
37880.79	414	259	1900	0.920	289.00	72.60	23.05	32.0	1	12.93
37880.83	414	259	2000	0.980	75.80	13.43	18.79	42.6	0	12.91
37880.88	414	259	2100	0.690	70.30	36.90	17.05	48.8	0	12.89
37880.92	414	259	2200	0.598	76.00	26.32	15.55	55.0	0	12.87
37880.96	414	259	2300	0.981	77.70	34.80	16.55	50.3	0	12.86
37881.00	414	259	2400	1.081	105.30	73.80	18.26	41.2	0	12.85
37881.04	414	260	100	0.861	9.65	86.70	17.30	44.9	0	12.85
37881.08	414	260	200	1.031	25.60	49.22	15.29	50.4	0	12.84
37881.13	414	260	300	1.207	37.24	58.96	14.56	46.3	0	12.83
37881.17	414	260	400	1.664	16.20	35.45	15.08	40.2	0	12.82
37881.21	414	260	500	1.744	3.84	32.11	14.50	41.5	0	12.82
37881.25	414	260	600	1.552	351.90	41.95	13.88	44.1	0	12.81
37881.29	414	260	700	1.338	348.70	41.84	14.50	42.3	90	13.08
37881.33	414	260	800	1.301	282.10	52.62	16.71	36.3	237	13.28
37881.38	414	260	900	1.846	319.40	70.50	18.84	30.6	457	13.38
37881.42	414	260	1000	1.911	311.00	72.70	21.20	25.1	576	13.30
37881.46	414	260	1100	2.130	311.80	70.50	22.94	22.3	696	13.25
37881.50	414	260	1200	2.234	3.96	71.90	24.73	19.4	756	13.19
37881.54	414	260	1300	2.450	341.60	89.70	26.72	16.3	756	13.13
37881.58	414	260	1400	2.058	39.18	75.80	28.01	14.6	687	13.08
37881.63	414	260	1500	1.933	54.65	90.30	28.54	13.5	573	13.05
37881.67	414	260	1600	1.973	75.40	80.30	28.65	12.4	424	13.05
37881.71	414	260	1700	2.045	68.50	58.90	28.37	11.4	291	13.08
37881.75	414	260	1800	1.617	64.39	54.21	27.28	11.0	94	13.02
37881.79	414	260	1900	1.080	58.41	41.49	25.03	11.8	0	12.94
37881.83	414	260	2000	0.957	55.83	38.56	23.69	12.5	0	12.92
37881.88	414	260	2100	0.989	79.40	42.95	22.93	12.4	0	12.91
37881.92	414	260	2200	0.756	21.06	83.90	19.25	18.4	0	12.89
37881.96	414	260	2300	0.932	70.40	37.13	16.04	23.5	0	12.88
37882.00	414	260	2400	0.682	60.87	58.18	14.52	27.2	0	12.86
37882.04	414	261	100	0.576	67.65	61.44	13.35	31.0	0	12.85
37882.08	414	261	200	0.638	76.30	50.68	11.96	35.0	0	12.84
37882.13	414	261	300	0.580	72.40	33.97	10.96	37.5	0	12.82
37882.17	414	261	400	0.597	66.13	49.44	10.33	39.5	0	12.81
37882.21	414	261	500	0.545	72.50	37.47	9.74	40.8	0	12.80
37882.25	414	261	600	0.631	72.50	35.63	9.28	42.9	0	12.79
37882.29	414	261	700	0.542	75.70	54.10	10.27	41.2	88	13.12
37882.33	414	261	800	0.337	183.10	57.53	16.03	31.8	241	13.32
37882.38	414	261	900	0.801	197.60	38.77	21.51	20.6	447	13.36
37882.42	414	261	1000	1.123	207.30	64.73	25.01	15.9	569	13.24
37882.46	414	261	1100	1.289	227.00	89.40	27.72	12.6	689	13.16
37882.50	414	261	1200	1.311	233.90	74.60	29.36	11.8	731	13.09
37882.54	414	261	1300	1.580	257.60	86.70	30.86	11.8	728	13.03
37882.58	414	261	1400	1.996	249.60	48.25	31.84	11.9	685	13.00
37882.63	414	261	1500	2.213	236.10	39.36	32.65	11.5	565	12.98
37882.67	414	261	1600	1.764	247.90	53.77	33.26	11.3	428	12.97
37882.71	414	261	1700	1.590	243.30	36.55	33.24	11.3	278	12.98
37882.75	414	261	1800	0.600	266.80	85.00	30.91	14.3	92	12.95
37882.79	414	261	1900	0.273	68.57	48.14	24.13	22.1	1	12.92

37882.83	414	261	2000	0.297	62.35	58.58	20.33	28.7	0	12.89
37882.88	414	261	2100	0.424	75.00	16.26	18.12	32.8	0	12.87
37882.92	414	261	2200	0.579	70.90	23.99	16.70	35.9	0	12.85
37882.96	414	261	2300	0.631	75.40	29.13	15.98	38.0	0	12.83
37883.00	414	261	2400	0.654	70.30	22.99	15.32	40.2	0	12.82
37883.04	414	262	100	0.519	68.10	32.35	14.38	42.5	0	12.81
37883.08	414	262	200	0.611	76.10	20.40	13.51	45.0	0	12.80
37883.13	414	262	300	0.505	67.40	17.44	12.75	47.9	0	12.79
37883.17	414	262	400	0.641	73.70	10.90	12.45	48.9	0	12.78
37883.21	414	262	500	0.501	81.70	28.33	12.27	49.5	0	12.77
37883.25	414	262	600	0.682	70.20	37.23	12.16	50.5	0	12.77
37883.29	414	262	700	0.558	79.00	20.07	12.56	49.6	83	13.03
37883.33	414	262	800	0.296	128.00	64.54	18.21	38.4	234	13.30
37883.38	414	262	900	0.688	186.50	38.33	23.69	23.9	425	13.31
37883.42	414	262	1000	1.687	216.90	17.10	26.12	20.0	544	13.20
37883.46	414	262	1100	1.823	218.50	20.40	28.31	17.3	676	13.14
37883.50	414	262	1200	1.581	216.60	28.40	30.08	14.7	699	13.07
37883.54	414	262	1300	1.621	222.50	37.31	31.54	13.4	699	13.02
37883.58	414	262	1400	1.595	222.30	37.64	32.69	12.9	677	12.99
37883.63	414	262	1500	1.265	209.40	56.35	33.48	13.0	556	12.97
37883.67	414	262	1600	1.496	218.20	31.82	33.46	12.4	424	12.95
37883.71	414	262	1700	1.227	225.20	16.30	33.30	12.5	269	12.96
37883.75	414	262	1800	0.463	159.00	92.40	30.84	17.5	89	12.93
37883.79	414	262	1900	0.414	70.60	44.06	24.40	24.3	1	12.90
37883.83	414	262	2000	0.211	79.20	35.67	21.09	30.0	0	12.87
37883.88	414	262	2100	0.581	70.30	17.38	18.79	34.9	0	12.85
37883.92	414	262	2200	0.529	70.40	12.63	17.48	38.4	0	12.83
37883.96	414	262	2300	0.614	67.64	18.98	16.50	41.4	0	12.81
37884.00	414	262	2400	0.699	70.60	15.54	15.85	43.4	0	12.79
37884.04	414	263	100	0.640	74.50	10.20	15.09	45.8	0	12.78
37884.08	414	263	200	0.608	70.40	24.67	14.38	48.6	0	12.78
37884.13	414	263	300	0.599	74.60	21.88	13.73	50.7	0	12.77
37884.17	414	263	400	0.563	68.49	36.68	13.41	52.5	0	12.76
37884.21	414	263	500	0.609	68.89	21.51	12.79	55.7	0	12.75
37884.25	414	263	600	0.570	70.50	30.70	12.42	57.2	0	12.74
37884.29	414	263	700	0.515	78.60	32.71	13.65	54.7	81	13.00
37884.33	414	263	800	0.271	159.40	53.99	18.98	44.6	232	13.25
37884.38	414	263	900	0.458	201.60	29.75	25.13	30.1	426	13.29
37884.42	414	263	1000	1.170	205.10	30.68	28.99	24.3	553	13.16
37884.46	414	263	1100	1.811	201.40	31.59	32.26	18.8	675	13.08
37884.50	414	263	1200	1.967	239.30	61.11	34.52	14.6	698	13.02
37884.54	414	263	1300	1.936	228.70	48.88	36.19	12.0	697	12.98
37884.58	414	263	1400	1.975	244.60	71.60	37.47	10.2	673	12.95
37884.63	414	263	1500	1.920	248.50	36.39	38.25	9.2	548	12.93
37884.67	414	263	1600	1.876	265.10	51.28	38.36	8.8	417	12.91
37884.71	414	263	1700	1.287	266.90	46.16	38.19	8.6	263	12.91
37884.75	414	263	1800	0.512	256.60	88.30	34.66	12.2	85	12.88
37884.79	414	263	1900	0.529	69.60	28.57	27.20	19.3	1	12.85
37884.83	414	263	2000	0.476	67.78	43.25	23.71	23.8	0	12.83
37884.88	414	263	2100	0.590	65.22	37.25	21.01	27.4	0	12.81
37884.92	414	263	2200	0.539	74.10	54.45	19.70	28.9	0	12.79
37884.96	414	263	2300	0.512	74.30	48.74	18.47	31.7	0	12.78

37885.00	414	263	2400	0.647	70.80	45.15	17.54	33.6	0	12.77
37885.04	414	264	100	0.658	65.46	45.47	17.40	33.0	0	12.76
37885.08	414	264	200	0.693	75.30	47.00	16.57	34.7	0	12.75
37885.13	414	264	300	0.632	69.19	41.55	16.26	34.7	0	12.74
37885.17	414	264	400	0.674	67.97	48.28	16.06	35.1	0	12.74
37885.21	414	264	500	0.619	74.80	25.31	15.13	38.6	0	12.73
37885.25	414	264	600	0.577	66.24	27.98	14.71	40.4	0	12.73
37885.29	414	264	700	0.594	72.70	17.45	15.22	40.5	79	12.94
37885.33	414	264	800	0.194	133.60	60.01	20.98	33.4	232	13.21
37885.38	414	264	900	0.428	206.70	23.33	27.58	22.2	423	13.24
37885.42	414	264	1000	1.086	214.40	20.20	31.24	16.3	548	13.12
37885.46	414	264	1100	1.420	214.70	29.06	34.01	12.7	672	13.04
37885.50	414	264	1200	1.844	222.70	33.12	35.84	11.3	698	12.99
37885.54	414	264	1300	1.869	248.10	49.84	37.12	10.3	697	12.95
37885.58	414	264	1400	1.955	257.40	50.71	38.15	9.9	672	12.92
37885.63	414	264	1500	1.640	246.90	46.06	38.69	9.4	548	12.90
37885.67	414	264	1600	1.309	240.70	51.54	39.08	9.3	416	12.88
37885.71	414	264	1700	1.055	236.00	17.05	38.67	9.9	260	12.88
37885.75	414	264	1800	0.464	74.50	68.87	34.91	13.8	81	12.86
37885.79	414	264	1900	0.226	62.55	64.96	27.33	20.6	0	12.83
37885.83	414	264	2000	0.293	73.10	27.65	24.04	25.6	0	12.81
37885.88	414	264	2100	0.653	74.10	16.31	21.85	28.9	0	12.79
37885.92	414	264	2200	0.699	71.30	15.86	20.37	31.2	0	12.77
37885.96	414	264	2300	0.689	70.40	14.36	19.37	33.4	0	12.76
37886.00	414	264	2400	0.671	74.10	20.19	18.26	36.0	0	12.75
37886.04	414	265	100	0.653	75.80	14.54	17.59	37.7	0	12.74
37886.08	414	265	200	0.637	70.60	27.06	16.81	39.7	0	12.73
37886.13	414	265	300	0.596	70.90	40.12	16.24	41.2	0	12.72
37886.17	414	265	400	0.617	70.70	17.62	15.72	42.3	0	12.72
37886.21	414	265	500	0.691	68.53	19.02	15.03	43.7	0	12.71
37886.25	414	265	600	0.653	72.00	26.15	14.42	45.0	0	12.70
37886.29	414	265	700	0.590	74.40	20.60	15.25	43.3	76	12.89
37886.33	414	265	800	0.216	129.40	35.86	20.63	36.0	238	13.20
37886.38	414	265	900	0.269	184.70	22.51	28.05	20.2	423	13.24
37886.42	414	265	1000	0.876	202.40	23.40	31.62	17.1	545	13.11
37886.46	414	265	1100	1.476	213.80	22.28	34.37	13.8	670	13.03
37886.50	414	265	1200	1.556	211.60	25.91	36.66	11.3	698	12.98
37886.54	414	265	1300	1.887	223.10	23.69	37.96	9.8	697	12.93
37886.58	414	265	1400	1.671	216.10	31.05	39.07	9.4	667	12.91
37886.63	414	265	1500	1.465	223.70	33.45	39.87	9.0	542	12.88
37886.67	414	265	1600	1.097	230.60	46.69	40.28	8.6	413	12.86
37886.71	414	265	1700	0.979	230.60	28.96	39.63	10.1	249	12.86
37886.75	414	265	1800	0.603	46.78	89.40	35.50	13.8	75	12.84
37886.79	414	265	1900	0.757	66.01	44.05	28.07	20.4	0	12.81
37886.83	414	265	2000	0.288	62.35	63.61	24.43	25.2	0	12.79
37886.88	414	265	2100	0.570	70.60	22.24	22.48	27.5	0	12.77
37886.92	414	265	2200	0.796	73.20	14.44	20.91	29.8	0	12.76
37886.96	414	265	2300	0.774	71.10	12.26	19.93	32.0	0	12.74
37887.00	414	265	2400	0.850	72.90	11.09	19.09	34.0	0	12.73
37887.04	414	266	100	0.723	72.70	13.20	18.44	35.5	0	12.73
37887.08	414	266	200	0.634	70.00	23.14	17.98	36.6	0	12.72
37887.13	414	266	300	0.575	73.80	22.16	16.95	39.5	0	12.71

37887.17	414	266	400	0.538	71.00	34.36	16.16	41.7	0	12.70
37887.21	414	266	500	0.617	72.60	24.68	16.04	41.6	0	12.70
37887.25	414	266	600	0.591	70.50	18.76	15.48	43.4	0	12.69
37887.29	414	266	700	0.585	77.50	31.95	16.03	43.1	67	12.83
37887.33	414	266	800	0.202	127.20	40.70	21.24	36.4	231	13.20
37887.38	414	266	900	0.677	202.30	15.75	26.67	28.3	416	13.24
37887.42	414	266	1000	1.025	205.80	22.59	31.19	19.1	528	13.12
37887.46	414	266	1100	2.168	221.50	16.56	34.04	16.4	656	13.04
37887.50	414	266	1200	2.304	218.80	19.14	36.18	13.3	698	12.98
37887.54	414	266	1300	2.097	218.10	24.53	37.70	12.1	697	12.94
37887.58	414	266	1400	1.974	225.10	19.86	38.71	11.4	646	12.91
37887.63	414	266	1500	1.887	226.80	25.60	39.50	10.6	522	12.89
37887.67	414	266	1600	1.979	229.30	17.32	39.55	9.9	402	12.87
37887.71	414	266	1700	1.601	235.90	20.43	38.59	12.0	229	12.88
37887.75	414	266	1800	0.519	7.92	91.60	34.73	17.1	69	12.85
37887.79	414	266	1900	0.620	72.00	32.20	27.59	25.4	0	12.82
37887.83	414	266	2000	0.402	57.28	52.69	24.05	30.9	0	12.79
37887.88	414	266	2100	0.545	68.03	44.39	21.91	35.3	0	12.77
37887.92	414	266	2200	0.584	73.20	36.16	20.36	38.8	0	12.75
37887.96	414	266	2300	0.637	70.60	21.34	19.39	42.0	0	12.73
37888.00	414	266	2400	0.455	69.86	21.08	18.61	45.7	0	12.72
37888.04	414	267	100	0.551	72.90	17.15	18.14	48.1	0	12.71
37888.08	414	267	200	0.517	69.47	17.78	17.73	49.8	0	12.71
37888.13	414	267	300	0.553	70.80	14.60	17.54	49.7	0	12.70
37888.17	414	267	400	0.582	70.70	9.00	16.93	52.2	0	12.70
37888.21	414	267	500	0.530	70.40	24.72	16.28	55.6	0	12.69
37888.25	414	267	600	0.517	71.60	10.51	15.56	58.5	0	12.69
37888.29	414	267	700	0.602	73.50	11.22	15.80	58.4	60	12.78
37888.33	414	267	800	0.145	130.40	37.20	20.39	48.6	211	13.25
37888.38	414	267	900	0.612	203.80	16.36	25.74	33.9	398	13.26
37888.42	414	267	1000	1.073	207.50	18.74	28.73	28.1	507	13.14
37888.46	414	267	1100	1.321	209.10	23.60	32.29	21.6	620	13.06
37888.50	414	267	1200	1.594	205.40	40.11	35.47	16.9	697	12.99
37888.54	414	267	1300	1.520	206.60	52.13	37.86	13.9	693	12.95
37888.58	414	267	1400	1.950	236.20	49.24	39.58	11.8	609	12.92
37888.63	414	267	1500	2.423	246.00	31.71	40.62	10.1	499	12.89
37888.67	414	267	1600	1.889	266.90	41.70	41.00	9.1	384	12.88
37888.71	414	267	1700	1.265	259.00	39.30	40.29	9.6	214	12.88
37888.75	414	267	1800	0.455	72.50	57.37	35.26	14.0	59	12.85
37888.79	414	267	1900	0.516	73.20	41.58	28.24	21.2	0	12.82
37888.83	414	267	2000	0.659	70.80	26.11	25.07	25.7	0	12.80
37888.88	414	267	2100	0.527	70.70	49.73	22.85	34.1	0	12.78
37888.92	414	267	2200	0.472	66.76	49.74	21.67	45.4	0	12.76
37888.96	414	267	2300	0.536	73.30	40.03	20.31	54.2	0	12.74
37889.00	414	267	2400	0.541	58.17	48.14	18.79	62.6	0	12.73
37889.04	414	268	100	0.516	68.57	47.49	17.82	67.9	0	12.71
37889.08	414	268	200	0.498	67.07	46.09	16.83	72.9	0	12.70
37889.13	414	268	300	0.429	51.51	61.30	16.21	76.6	0	12.70
37889.17	414	268	400	0.423	71.00	28.99	15.41	80.3	0	12.69
37889.21	414	268	500	0.504	73.70	42.45	14.65	83.6	0	12.68
37889.25	414	268	600	0.368	72.40	46.36	14.06	85.6	0	12.68
37889.29	414	268	700	0.330	90.80	43.37	14.16	85.1	56	12.77

37889.33	414	268	800	0.402	194.90	37.42	17.74	74.1	218	13.28
37889.38	414	268	900	1.005	207.20	18.33	20.56	65.7	411	13.32
37889.42	414	268	1000	1.120	210.80	22.29	23.75	55.3	515	13.23
37889.46	414	268	1100	1.181	227.10	39.61	26.96	44.4	628	13.14
37889.50	414	268	1200	1.374	204.50	25.25	30.40	33.1	698	13.06
37889.54	414	268	1300	1.334	217.90	30.43	33.27	26.9	697	12.99
37889.58	414	268	1400	1.405	217.60	25.83	35.71	22.1	618	12.95
37889.63	414	268	1500	1.922	223.70	18.49	37.23	19.1	511	12.92
37889.67	414	268	1600	1.926	229.70	17.88	38.46	14.8	399	12.91
37889.71	414	268	1700	1.505	231.40	31.51	38.03	15.5	227	12.91
37889.75	414	268	1800	0.578	58.97	73.50	33.89	23.9	61	12.88
37889.79	414	268	1900	0.397	73.50	30.78	26.29	36.1	0	12.86
37889.83	414	268	2000	0.596	71.70	45.53	22.68	43.5	0	12.84
37889.88	414	268	2100	0.514	74.10	69.86	20.48	47.4	0	12.82
37889.92	414	268	2200	0.453	77.70	19.20	18.72	52.8	0	12.80
37889.96	414	268	2300	0.515	68.38	22.89	17.74	59.9	0	12.78
37890.00	414	268	2400	0.380	71.60	16.62	16.60	67.8	0	12.77
37890.04	414	269	100	0.485	68.09	18.60	15.84	74.9	0	12.75
37890.08	414	269	200	0.426	69.95	29.45	15.11	79.5	0	12.74
37890.13	414	269	300	0.384	70.00	19.89	14.30	83.2	0	12.73
37890.17	414	269	400	0.369	69.46	22.24	13.73	85.6	0	12.71
37890.21	414	269	500	0.365	61.27	36.32	13.43	87.5	0	12.70
37890.25	414	269	600	0.377	74.50	25.37	12.98	89.6	0	12.69
37890.29	414	269	700	0.461	65.19	63.70	13.78	87.2	52	12.78
37890.33	414	269	800	0.283	174.80	45.64	18.12	73.3	236	13.26
37890.38	414	269	900	0.802	204.20	22.07	22.75	60.8	416	13.30
37890.42	414	269	1000	1.062	220.20	32.71	25.49	52.3	525	13.20
37890.46	414	269	1100	1.152	238.90	44.30	28.76	39.0	646	13.12
37890.50	414	269	1200	1.393	209.40	28.76	31.93	29.5	698	13.04
37890.54	414	269	1300	1.769	226.30	15.26	35.16	21.9	698	12.98
37890.58	414	269	1400	1.502	231.40	43.20	38.69	12.2	633	12.94
37890.63	414	269	1500	1.724	226.40	35.88	39.83	8.9	512	12.92
37890.67	414	269	1600	2.063	232.60	21.25	39.50	10.4	393	12.90
37890.71	414	269	1700	1.796	245.50	26.44	36.79	19.2	219	12.90
37890.75	414	269	1800	1.084	302.40	37.56	32.44	28.4	55	12.87
37890.79	414	269	1900	0.559	69.67	55.52	26.55	40.3	0	12.84
37890.83	414	269	2000	0.501	66.02	24.49	22.82	50.2	0	12.82
37890.88	414	269	2100	0.441	74.20	41.06	21.09	57.7	0	12.80
37890.92	414	269	2200	0.553	68.62	31.03	19.71	64.2	0	12.79
37890.96	414	269	2300	0.321	78.70	41.73	18.67	69.0	0	12.77
37891.00	414	269	2400	0.506	68.73	26.44	17.59	71.4	0	12.75
37891.04	414	270	100	0.417	63.73	34.95	17.06	72.2	0	12.74
37891.08	414	270	200	0.534	69.92	38.10	16.38	73.7	0	12.72
37891.13	414	270	300	0.369	72.20	29.76	15.62	75.8	0	12.71
37891.17	414	270	400	0.470	71.20	23.96	14.94	77.1	0	12.70
37891.21	414	270	500	0.453	72.10	27.64	14.42	78.8	0	12.69
37891.25	414	270	600	0.543	74.80	30.55	14.01	80.9	0	12.68
37891.29	414	270	700	0.488	81.40	36.81	14.47	79.9	43	12.75
37891.33	414	270	800	0.342	155.40	55.09	18.73	66.9	211	13.29
37891.38	414	270	900	1.035	211.10	16.22	22.53	53.0	378	13.30
37891.42	414	270	1000	1.527	212.90	15.91	24.67	43.7	484	13.22
37891.46	414	270	1100	1.711	222.00	17.57	26.64	38.8	584	13.15

37891.50	414	270	1200	1.257	211.40	30.83	28.93	33.7	660	13.08
37891.54	414	270	1300	1.637	217.70	26.98	30.49	31.4	591	13.02
37891.58	414	270	1400	1.748	229.00	35.88	31.70	29.8	546	12.99
37891.63	414	270	1500	1.492	234.50	49.19	33.18	26.9	483	12.96
37891.67	414	270	1600	1.319	237.80	44.86	33.99	24.9	377	12.95
37891.71	414	270	1700	1.152	234.50	25.09	33.27	26.4	199	12.96
37891.75	414	270	1800	0.431	66.18	77.80	29.92	32.3	47	12.91
37891.79	414	270	1900	0.267	70.50	59.83	24.65	42.5	0	12.88
37891.83	414	270	2000	0.283	61.71	50.43	21.72	51.1	0	12.86
37891.88	414	270	2100	0.614	70.40	13.69	19.54	58.1	0	12.84
37891.92	414	270	2200	0.444	69.40	28.40	18.27	62.4	0	12.82
37891.96	414	270	2300	0.635	68.74	23.13	17.49	63.9	0	12.81
37892.00	414	270	2400	0.468	74.90	15.39	16.67	65.3	0	12.80
37892.04	414	271	100	0.510	69.90	15.58	16.07	66.8	0	12.79
37892.08	414	271	200	0.510	74.20	7.87	15.53	67.7	0	12.78
37892.13	414	271	300	0.480	67.27	17.59	15.23	69.0	0	12.77
37892.17	414	271	400	0.511	69.26	21.19	14.84	71.9	0	12.76
37892.21	414	271	500	0.499	71.80	10.52	14.35	75.7	0	12.74
37892.25	414	271	600	0.462	65.37	9.75	14.04	77.8	0	12.73
37892.29	414	271	700	0.491	79.90	11.70	14.29	77.0	41	12.77
37892.33	414	271	800	0.469	167.90	70.40	18.07	63.3	221	13.29
37892.38	414	271	900	0.682	196.20	17.39	22.89	41.8	403	13.31
37892.42	414	271	1000	1.487	215.10	16.44	25.40	33.5	510	13.21
37892.46	414	271	1100	1.179	202.00	27.00	28.55	27.6	616	13.13
37892.50	414	271	1200	1.506	212.50	24.71	31.12	22.0	696	13.05
37892.54	414	271	1300	1.701	218.10	29.44	33.03	18.7	692	12.99
37892.58	414	271	1400	2.531	244.20	28.15	34.25	17.3	606	12.96
37892.63	414	271	1500	2.581	238.60	20.74	34.20	21.7	494	12.95
37892.67	414	271	1600	2.426	240.30	21.64	33.58	24.4	374	12.95
37892.71	414	271	1700	1.901	247.50	21.98	32.69	29.0	202	12.97
37892.75	414	271	1800	1.053	280.00	25.09	29.89	38.5	43	12.91
37892.79	414	271	1900	0.684	71.80	39.86	25.16	50.9	0	12.87
37892.83	414	271	2000	0.401	68.64	43.39	22.25	59.1	0	12.86
37892.88	414	271	2100	0.450	48.18	76.70	20.38	65.3	0	12.84
37892.92	414	271	2200	0.607	69.20	74.40	19.18	69.3	0	12.82
37892.96	414	271	2300	0.517	77.40	49.03	18.18	71.9	0	12.81
37893.00	414	271	2400	0.440	79.90	46.18	17.45	74.1	0	12.80
37893.04	414	272	100	0.312	76.80	21.80	16.77	76.1	0	12.79
37893.08	414	272	200	0.507	60.44	64.91	16.77	77.5	0	12.78
37893.13	414	272	300	0.357	73.60	88.70	15.59	82.7	0	12.77
37893.17	414	272	400	0.558	62.20	70.90	14.98	84.9	0	12.75
37893.21	414	272	500	0.351	68.19	55.18	14.19	87.7	0	12.74
37893.25	414	272	600	0.424	83.30	26.54	13.39	90.4	0	12.73
37893.29	414	272	700	0.393	94.30	46.85	13.49	90.0	43	12.76
37893.33	414	272	800	0.633	203.20	25.32	15.56	83.0	201	13.36
37893.38	414	272	900	1.193	211.40	24.99	17.24	76.9	386	13.39
37893.42	414	272	1000	1.829	207.20	22.95	19.77	68.0	503	13.32
37893.46	414	272	1100	2.461	226.60	25.52	21.48	60.9	630	13.26
37893.50	414	272	1200	1.838	214.10	35.33	23.21	53.4	699	13.19
37893.54	414	272	1300	2.190	218.30	27.50	24.65	47.4	698	13.12
37893.58	414	272	1400	1.668	235.80	61.23	26.31	39.5	608	13.08
37893.63	414	272	1500	2.298	242.30	29.83	27.68	27.9	509	13.05

37893.67	414	272	1600	2.169	233.40	26.09	27.89	25.5	386	13.05
37893.71	414	272	1700	2.240	243.20	21.18	27.27	24.8	220	13.07
37893.75	414	272	1800	0.960	276.20	65.81	24.65	33.2	52	12.99
37893.79	414	272	1900	0.438	71.30	42.89	20.32	45.5	0	12.92
37893.83	414	272	2000	0.126	340.70	94.20	17.84	54.8	0	12.89
37893.88	414	272	2100	0.521	68.93	15.45	16.11	60.1	0	12.88
37893.92	414	272	2200	0.591	69.71	13.94	14.57	64.7	0	12.86
37893.96	414	272	2300	0.513	73.40	8.65	13.68	66.2	0	12.84
37894.00	414	272	2400	0.509	70.20	11.74	12.95	67.4	0	12.83
37894.04	414	273	100	0.562	74.00	9.40	12.21	69.3	0	12.82
37894.08	414	273	200	0.560	72.40	14.15	11.51	71.4	0	12.81
37894.13	414	273	300	0.605	73.90	12.44	10.96	73.5	0	12.81
37894.17	414	273	400	0.521	75.30	7.41	10.46	74.7	0	12.80
37894.21	414	273	500	0.579	70.20	28.29	10.03	76.6	0	12.79
37894.25	414	273	600	0.587	71.80	23.26	9.46	78.8	0	12.78
37894.29	414	273	700	0.568	77.90	12.51	9.75	77.4	29	12.80
37894.33	414	273	800	0.271	156.40	48.01	14.47	63.2	239	13.44
37894.38	414	273	900	0.550	208.10	37.57	19.38	42.9	405	13.41
37894.42	414	273	1000	1.331	205.40	23.25	22.59	33.0	504	13.29
37894.46	414	273	1100	1.324	221.10	28.42	25.32	26.5	603	13.20
37894.50	414	273	1200	1.430	211.10	27.54	27.52	21.4	688	13.12
37894.54	414	273	1300	1.438	195.70	42.05	29.45	19.1	684	13.05
37894.58	414	273	1400	1.980	242.90	41.66	30.61	19.6	587	13.01
37894.63	414	273	1500	2.210	239.10	27.19	30.96	18.7	470	13.00
37894.67	414	273	1600	1.970	241.70	34.75	31.06	18.3	363	13.00
37894.71	414	273	1700	1.263	254.60	29.62	30.07	18.7	153	13.00
37894.75	414	273	1800	0.432	78.70	57.09	26.63	25.2	35	12.94
37894.79	414	273	1900	0.184	67.87	51.27	22.56	31.3	0	12.91
37894.83	414	273	2000	0.262	75.30	35.32	19.81	37.0	0	12.89
37894.88	414	273	2100	0.417	61.79	33.10	18.09	42.2	0	12.88
37894.92	414	273	2200	0.545	75.00	30.61	16.92	46.7	0	12.86
37894.96	414	273	2300	0.534	73.00	44.84	16.32	49.0	0	12.85
37895.00	414	273	2400	0.592	71.70	18.25	15.23	53.3	0	12.83
37895.04	414	274	100	0.574	74.00	19.05	14.97	54.9	0	12.82
37895.08	414	274	200	0.627	73.70	15.54	15.02	56.1	0	12.81
37895.13	414	274	300	0.400	69.95	23.48	15.06	57.8	0	12.81
37895.17	414	274	400	0.449	75.80	20.13	14.37	61.4	0	12.80
37895.21	414	274	500	0.424	69.50	17.47	13.66	64.8	0	12.79
37895.25	414	274	600	0.559	72.20	9.56	13.23	67.9	0	12.78
37895.29	414	274	700	0.545	75.20	16.26	13.38	68.3	41	12.80

Table to Check for effect of shadow on Pyronometer - Data does not appear to reflect shadow.)

	800	900	1000	1100	1200
23-Apr-03	49.6	119.3	249.7	249.5	341.5
24-Apr-03	15.9	86.9	243.7	326.3	227.2
25-Apr-03	75.2	131.0	168.5	123.6	143.9
26-Apr-03	255.6	272.2	412.6	694.0	811.0
27-Apr-03	307.0	382.6	398.0	559.4	777.0
28-Apr-03	246.2	249.5	276.9	208.2	151.6
29-Apr-03	144.2	219.5	285.4	353.3	462.8
30-Apr-03	91.0	191.4	295.3	551.7	750.0
1-May-03	260.8	360.3	373.7	626.2	644.3
2-May-03	81.8	109.4	135.3	123.5	136.2
3-May-03	108.9	283.3	234.7	234.2	165.8
4-May-03	167.6	330.8	350.2	442.2	464.5
5-May-03	346.1	396.3	338.2	686.1	847.0
6-May-03	139.4	219.0	340.1	401.9	244.4
7-May-03	125.4	268.2	226.0	484.3	565.1
8-May-03	156.1	295.3	487.5	558.1	571.1
9-May-03	343.9	420.7	584.3	798.0	861.0
10-May-03	160.1	382.2	546.9	750.0	834.0
11-May-03	336.8	392.8	531.1	708.0	682.2
12-May-03	261.9	404.4	522.2	784.0	749.0
13-May-03	349.5	404.3	402.4	747.0	839.0
14-May-03	334.9	405.2	528.7	773.0	829.0

Kilarc Power House Meteorological Station 2003

Julian Date	Site Id #	Julian Day	Time (PST)	Wind Speed	Wind Dir	Wind sigma	Temp °C	RH %	Pyronometer W/m²	Battery
37729.79	413	108	1900	0.501	29.8	74.6	10.1	49.4	31.3	12.85
37729.83	413	108	2000	0.594	54.8	24.9	6.6	71.2	0.0	12.82
37729.88	413	108	2100	0.353	19.6	51.0	5.7	68.2	0.0	12.80
37729.92	413	108	2200	0.477	34.4	22.8	3.3	80.2	0.0	12.78
37729.96	413	108	2300	0.346	22.4	26.1	2.1	84.8	0.0	12.76
37730.00	413	108	2400	0.497	3.3	67.9	1.6	89.2	0.0	12.74
37730.04	413	109	100	0.433	31.4	54.8	1.6	90.1	0.0	12.73
37730.08	413	109	200	0.552	46.4	30.2	1.3	91.8	0.0	12.72
37730.13	413	109	300	1.061	47.7	20.4	3.4	75.8	0.0	12.72
37730.17	413	109	400	1.337	46.9	21.6	5.5	55.0	0.0	12.73
37730.21	413	109	500	1.297	28.6	72.0	6.8	44.8	0.0	12.74
37730.25	413	109	600	0.453	38.6	39.6	2.6	73.9	1.5	12.75
37730.29	413	109	700	0.432	39.0	26.6	2.0	80.7	40.5	12.74
37730.33	413	109	800	0.352	90.7	56.4	6.7	59.1	163.7	13.07
37730.38	413	109	900	0.510	213.1	68.2	12.3	28.0	456.5	13.67
37730.42	413	109	1000	0.805	182.0	65.7	13.6	27.1	598.7	13.55
37730.46	413	109	1100	0.870	189.3	66.2	14.4	27.5	740.0	13.47
37730.50	413	109	1200	0.907	198.4	77.5	15.3	29.6	820.0	13.41
37730.54	413	109	1300	0.851	192.6	76.8	16.3	28.3	820.0	13.36
37730.58	413	109	1400	0.931	181.8	84.8	16.9	28.0	774.0	13.33
37730.63	413	109	1500	0.809	190.3	78.7	17.3	27.1	687.7	13.31
37730.67	413	109	1600	0.784	206.5	83.7	17.2	27.8	549.3	13.30
37730.71	413	109	1700	0.564	228.0	87.1	16.9	28.8	301.7	13.34
37730.75	413	109	1800	0.471	313.1	83.3	15.4	34.4	73.0	13.27
37730.79	413	109	1900	0.381	26.6	39.4	11.6	56.1	17.7	13.11
37730.83	413	109	2000	0.566	48.4	13.8	8.4	74.2	2.0	13.05
37730.88	413	109	2100	0.593	46.5	13.9	7.0	76.6	12.5	13.01
37730.92	413	109	2200	0.603	52.3	15.9	6.4	77.0	3.1	12.98
37730.96	413	109	2300	0.632	55.6	11.7	5.5	81.1	0.0	12.96
37731.00	413	109	2400	0.641	55.8	14.8	5.0	81.5	0.0	12.94
37731.04	413	110	100	0.524	47.8	21.2	4.5	82.3	0.0	12.92
37731.08	413	110	200	0.496	40.8	21.2	4.5	82.8	0.0	12.90
37731.13	413	110	300	0.538	49.8	19.7	4.2	86.0	0.0	12.88
37731.17	413	110	400	0.519	60.2	29.1	4.3	84.3	0.0	12.87
37731.21	413	110	500	0.544	40.3	16.6	3.9	87.6	0.0	12.86
37731.25	413	110	600	0.561	49.6	17.8	3.4	90.2	10.0	12.85
37731.29	413	110	700	0.435	62.7	21.9	5.4	82.8	67.6	12.94
37731.33	413	110	800	0.427	70.3	26.0	8.8	69.1	160.1	13.57
37731.38	413	110	900	0.481	186.8	59.4	12.3	57.9	355.7	13.73
37731.42	413	110	1000	0.697	172.6	81.2	13.9	50.9	509.7	13.59
37731.46	413	110	1100	0.767	207.3	79.4	14.4	49.2	643.2	13.51
37731.50	413	110	1200	0.823	219.5	89.1	14.3	49.9	502.4	13.50
37731.54	413	110	1300	0.780	276.0	90.8	14.6	47.3	434.0	13.47
37731.58	413	110	1400	0.642	259.1	88.3	14.6	49.9	321.3	13.52
37731.63	413	110	1500	0.687	216.4	99.5	15.3	45.3	407.9	13.50
37731.67	413	110	1600	0.752	162.0	99.6	15.1	42.8	399.7	13.50
37731.71	413	110	1700	0.588	103.0	91.0	14.7	47.5	261.7	13.51

37731.75	413	110	1800	0.361	245.0	97.3	13.7	51.8	101.9	13.52
37731.79	413	110	1900	0.233	14.7	52.9	11.8	65.8	32.8	13.18
37731.83	413	110	2000	0.502	43.5	17.9	8.9	79.3	13.9	13.11
37731.88	413	110	2100	0.475	41.7	14.0	7.4	83.3	6.3	13.07
37731.92	413	110	2200	0.507	43.5	26.3	7.1	82.7	0.2	13.03
37731.96	413	110	2300	0.392	58.7	30.3	7.7	79.1	0.0	13.01
37732.00	413	110	2400	0.334	45.3	33.8	7.7	81.4	0.0	13.00
37732.04	413	111	100	0.396	44.6	28.1	7.2	84.1	0.0	12.99
37732.08	413	111	200	0.310	42.8	37.9	7.0	85.4	0.0	12.98
37732.13	413	111	300	0.262	345.2	82.2	7.2	85.2	0.0	12.97
37732.17	413	111	400	0.505	66.9	74.1	7.1	87.1	0.0	12.96
37732.21	413	111	500	0.381	31.6	55.3	6.0	90.9	0.0	12.95
37732.25	413	111	600	0.370	35.8	53.7	5.1	92.7	13.0	12.94
37732.29	413	111	700	0.210	43.9	41.9	5.7	91.7	35.2	12.93
37732.33	413	111	800	0.500	31.4	35.2	6.9	88.6	80.8	13.10
37732.38	413	111	900	0.478	188.3	84.6	7.5	86.1	117.0	13.53
37732.42	413	111	1000	0.375	259.2	94.6	6.1	96.6	46.8	13.15
37732.46	413	111	1100	0.310	342.5	87.1	6.3	97.5	49.9	13.10
37732.50	413	111	1200	0.583	304.5	83.8	6.3	95.7	106.2	13.48
37732.54	413	111	1300	0.495	232.4	91.2	6.1	96.4	106.6	13.62
37732.58	413	111	1400	0.448	68.2	47.2	6.7	92.7	208.6	13.84
37732.63	413	111	1500	0.498	339.5	94.9	8.3	82.4	214.7	13.74
37732.67	413	111	1600	0.492	197.1	80.2	6.8	87.2	125.1	13.58
37732.71	413	111	1700	0.524	134.2	88.9	6.7	89.6	189.8	13.50
37732.75	413	111	1800	0.502	47.6	49.3	4.7	94.4	55.7	13.24
37732.79	413	111	1900	0.487	38.1	32.9	3.9	94.2	22.9	13.13
37732.83	413	111	2000	0.473	40.0	21.6	2.8	96.4	0.0	13.06
37732.88	413	111	2100	0.420	65.0	24.2	3.0	96.9	0.0	13.01
37732.92	413	111	2200	0.374	73.8	24.1	3.4	96.9	0.0	12.98
37732.96	413	111	2300	0.378	67.6	23.3	3.8	96.6	0.0	12.96
37733.00	413	111	2400	0.232	104.5	87.8	4.1	96.7	0.0	12.94
37733.04	413	112	100	0.154	53.4	30.3	4.2	96.8	0.0	12.93
37733.08	413	112	200	0.107	37.5	92.4	4.3	97.0	0.0	12.91
37733.13	413	112	300	0.034	31.5	51.3	4.3	96.8	0.0	12.90
37733.17	413	112	400	0.096	34.9	52.8	4.4	96.9	0.0	12.89
37733.21	413	112	500	0.204	59.2	30.9	4.4	97.1	0.0	12.89
37733.25	413	112	600	0.186	49.2	20.3	4.4	97.4	3.9	12.88
37733.29	413	112	700	0.186	240.9	35.1	4.8	96.8	66.8	12.99
37733.33	413	112	800	0.224	236.1	34.6	5.4	91.6	107.3	13.48
37733.38	413	112	900	0.398	226.1	66.8	6.8	83.9	313.6	13.83
37733.42	413	112	1000	0.532	226.3	81.8	7.1	86.3	225.5	13.79
37733.46	413	112	1100	0.561	195.8	90.1	8.6	78.0	368.5	13.76
37733.50	413	112	1200	0.710	173.5	63.1	9.9	69.7	470.7	13.69
37733.54	413	112	1300	0.672	184.1	86.3	11.3	66.9	423.8	13.65
37733.58	413	112	1400	0.639	248.0	73.8	11.2	71.2	185.9	13.64
37733.63	413	112	1500	0.393	27.3	54.9	11.6	70.4	106.8	13.52
37733.67	413	112	1600	0.371	55.1	70.9	11.7	71.5	143.8	13.59
37733.71	413	112	1700	0.481	230.8	82.6	12.4	64.4	196.1	13.68
37733.75	413	112	1800	0.205	301.2	84.6	11.6	71.4	47.1	13.33
37733.79	413	112	1900	0.121	301.5	68.9	10.5	82.4	30.8	13.15
37733.83	413	112	2000	0.183	20.5	54.2	9.4	88.2	0.7	13.11
37733.88	413	112	2100	0.212	37.3	30.7	8.7	90.7	0.0	13.08

37733.92	413	112	2200	0.277	42.1	22.4	8.6	91.0	0.0	13.05
37733.96	413	112	2300	0.223	30.4	45.2	8.3	91.7	0.0	13.04
37734.00	413	112	2400	0.235	36.7	52.0	8.1	92.1	0.0	13.01
37734.04	413	113	100	0.180	31.7	37.4	7.9	93.0	0.0	13.00
37734.08	413	113	200	0.126	27.3	16.6	7.8	93.8	0.0	12.99
37734.13	413	113	300	0.192	33.2	15.6	7.6	94.3	0.0	12.97
37734.17	413	113	400	0.164	31.7	23.7	7.6	94.3	0.0	12.95
37734.21	413	113	500	0.137	350.1	69.3	7.5	94.3	0.0	12.94
37734.25	413	113	600	0.188	285.2	75.9	7.2	93.0	0.0	12.93
37734.29	413	113	700	0.129	244.1	71.5	7.0	92.3	18.9	12.91
37734.33	413	113	800	0.184	217.1	69.3	7.2	92.9	39.6	12.91
37734.38	413	113	900	0.268	236.0	64.5	7.1	95.3	47.9	12.94
37734.42	413	113	1000	0.350	282.2	74.0	7.5	95.0	73.6	13.13
37734.46	413	113	1100	0.446	296.7	70.3	8.0	94.2	100.9	13.43
37734.50	413	113	1200	0.479	3.1	87.1	8.2	93.0	64.7	13.31
37734.54	413	113	1300	0.320	84.7	90.2	8.4	93.3	80.2	13.33
37734.58	413	113	1400	0.406	314.7	81.3	9.1	88.5	104.0	13.55
37734.63	413	113	1500	0.296	327.8	86.2	8.6	91.2	55.8	13.29
37734.67	413	113	1600	0.205	343.5	81.5	8.4	92.4	42.0	13.14
37734.71	413	113	1700	0.178	335.9	90.8	8.2	94.1	41.8	13.06
37734.75	413	113	1800	0.103	336.4	91.7	7.9	95.1	33.1	13.02
37734.79	413	113	1900	0.073	235.8	97.9	7.5	95.8	6.1	12.98
37734.83	413	113	2000	0.089	41.1	27.2	7.2	96.9	0.0	12.95
37734.88	413	113	2100	0.219	17.2	80.4	7.1	97.7	0.0	12.93
37734.92	413	113	2200	0.485	315.2	72.8	7.4	96.0	0.0	12.91
37734.96	413	113	2300	0.639	344.6	73.4	7.7	92.7	0.0	12.90
37735.00	413	113	2400	0.753	333.8	63.8	7.8	92.6	0.0	12.89
37735.04	413	114	100	0.833	331.1	70.2	7.8	93.7	0.0	12.89
37735.08	413	114	200	0.757	328.8	77.2	7.8	96.5	0.0	12.89
37735.13	413	114	300	1.126	309.2	71.5	7.9	97.1	0.0	12.88
37735.17	413	114	400	0.731	273.4	84.2	6.0	97.2	0.0	12.87
37735.21	413	114	500	0.445	58.3	63.9	2.9	96.5	0.0	12.86
37735.25	413	114	600	0.118	52.9	39.4	0.8	97.8	0.0	12.83
37735.29	413	114	700	0.000	0.0	0.0	0.6	98.4	0.0	12.81
37735.33	413	114	800	0.000	0.0	0.0	0.6	98.7	0.4	12.81
37735.38	413	114	900	0.000	0.0	0.0	0.7	98.8	14.0	12.82
37735.42	413	114	1000	0.000	111.0	0.0	1.4	98.4	88.3	13.60
37735.46	413	114	1100	0.183	53.6	45.5	3.4	96.2	344.5	13.97
37735.50	413	114	1200	0.470	323.8	82.7	5.1	83.3	351.3	13.89
37735.54	413	114	1300	0.469	356.3	69.3	4.6	86.2	230.5	13.90
37735.58	413	114	1400	0.508	4.3	87.8	4.1	88.9	137.7	13.74
37735.63	413	114	1500	0.393	69.2	77.9	1.6	94.5	47.9	13.30
37735.67	413	114	1600	0.295	79.3	77.2	1.2	97.3	28.9	13.18
37735.71	413	114	1700	0.471	69.0	58.1	1.4	97.9	52.8	13.18
37735.75	413	114	1800	0.306	77.1	69.4	1.9	98.0	14.8	13.14
37735.79	413	114	1900	0.478	68.7	38.8	1.4	98.2	0.0	13.07
37735.83	413	114	2000	0.372	73.8	56.3	1.7	98.5	0.0	13.04
37735.88	413	114	2100	0.401	66.4	34.1	1.5	98.5	0.0	13.02
37735.92	413	114	2200	0.413	63.4	29.7	1.5	98.9	0.0	12.99
37735.96	413	114	2300	0.426	61.0	41.9	2.0	98.9	0.0	12.97
37736.00	413	114	2400	0.459	59.9	41.2	2.1	98.5	0.0	12.94
37736.04	413	115	100	0.394	71.8	31.2	1.8	98.4	0.0	12.91

37736.08	413	115	200	0.493	65.4	46.9	1.6	98.5	0.0	12.88
37736.13	413	115	300	0.441	78.0	33.5	1.2	98.6	0.0	12.86
37736.17	413	115	400	0.335	71.9	32.9	1.4	98.6	0.0	12.84
37736.21	413	115	500	0.316	76.5	32.1	1.4	98.5	0.0	12.83
37736.25	413	115	600	0.392	69.1	33.8	1.6	98.4	3.5	12.82
37736.29	413	115	700	0.434	50.4	80.5	2.1	97.1	13.9	12.81
37736.33	413	115	800	0.493	64.1	62.6	2.8	94.2	58.8	12.93
37736.38	413	115	900	0.551	352.4	65.4	3.3	92.6	71.5	13.06
37736.42	413	115	1000	0.739	318.4	77.6	4.0	88.7	101.1	13.61
37736.46	413	115	1100	0.653	336.4	60.8	3.5	92.3	71.5	13.32
37736.50	413	115	1200	0.813	326.2	74.1	3.5	92.9	86.1	13.42
37736.54	413	115	1300	0.871	334.6	71.6	4.6	91.6	67.7	13.35
37736.58	413	115	1400	0.677	343.8	71.6	5.1	93.1	133.9	13.75
37736.63	413	115	1500	0.576	334.3	64.2	5.7	88.1	153.7	13.83
37736.67	413	115	1600	0.658	350.9	69.3	6.9	79.8	258.8	13.87
37736.71	413	115	1700	0.592	336.3	79.8	7.2	81.8	171.2	13.73
37736.75	413	115	1800	0.769	322.9	70.7	6.9	80.8	76.2	13.44
37736.79	413	115	1900	0.634	347.2	95.8	5.8	79.3	10.7	13.16
37736.83	413	115	2000	0.271	53.4	45.0	4.3	88.5	0.0	13.10
37736.88	413	115	2100	0.410	67.6	58.0	3.6	89.4	0.0	13.06
37736.92	413	115	2200	0.346	64.0	44.2	2.7	91.8	0.0	13.02
37736.96	413	115	2300	0.258	49.9	37.8	1.8	96.0	0.0	12.99
37737.00	413	115	2400	0.206	56.9	28.0	1.1	97.4	0.0	12.96
37737.04	413	116	100	0.287	70.9	33.6	1.3	98.1	0.0	12.93
37737.08	413	116	200	0.217	72.6	22.5	1.7	98.1	0.0	12.90
37737.13	413	116	300	0.217	68.0	23.4	1.9	98.1	0.0	12.88
37737.17	413	116	400	0.283	71.3	25.6	2.1	98.2	0.0	12.86
37737.21	413	116	500	0.284	73.0	32.4	2.1	98.1	0.0	12.84
37737.25	413	116	600	0.401	64.9	29.5	2.1	98.1	2.0	12.83
37737.29	413	116	700	0.276	66.0	22.8	2.5	97.5	51.2	12.87
37737.33	413	116	800	0.235	81.3	31.7	3.7	91.9	162.1	13.44
37737.38	413	116	900	0.429	173.8	78.8	5.2	82.0	232.6	13.84
37737.42	413	116	1000	0.429	144.6	91.9	5.3	86.7	203.6	13.82
37737.46	413	116	1100	0.496	155.7	91.5	6.4	81.2	311.0	13.86
37737.50	413	116	1200	0.593	146.7	86.3	7.6	72.9	459.3	13.80
37737.54	413	116	1300	0.601	157.0	91.1	8.6	64.4	431.3	13.73
37737.58	413	116	1400	0.663	147.7	85.0	9.4	59.0	443.1	13.67
37737.63	413	116	1500	0.644	138.7	85.9	10.0	53.5	504.0	13.65
37737.67	413	116	1600	0.715	214.4	98.0	11.1	46.8	569.8	13.54
37737.71	413	116	1700	0.609	230.4	97.3	10.6	47.4	277.1	13.58
37737.75	413	116	1800	0.275	256.2	82.8	9.5	54.9	84.5	13.49
37737.79	413	116	1900	0.440	39.3	43.3	7.3	76.6	37.5	13.17
37737.83	413	116	2000	0.525	58.9	24.7	5.3	85.4	1.7	13.11
37737.88	413	116	2100	0.708	53.5	22.9	3.9	87.8	0.0	13.07
37737.92	413	116	2200	0.554	61.3	19.6	3.6	88.9	0.0	13.04
37737.96	413	116	2300	0.465	76.7	23.1	4.1	88.2	0.0	13.01
37738.00	413	116	2400	0.482	66.1	31.4	4.1	91.4	0.0	13.00
37738.04	413	117	100	0.330	59.9	21.3	4.0	92.4	0.0	12.98
37738.08	413	117	200	0.483	54.3	15.2	3.8	92.5	0.0	12.97
37738.13	413	117	300	0.367	60.1	33.1	4.0	91.5	0.0	12.95
37738.17	413	117	400	0.471	54.0	25.2	3.9	94.0	0.0	12.94
37738.21	413	117	500	0.489	44.9	21.9	3.8	95.3	0.0	12.92

37738.25	413	117	600	0.529	44.8	30.1	3.8	94.2	21.0	12.90
37738.29	413	117	700	0.356	55.0	39.1	4.6	90.6	92.7	13.18
37738.33	413	117	800	0.432	166.3	72.2	7.5	71.4	215.5	13.62
37738.38	413	117	900	0.598	192.3	76.7	9.0	60.8	391.7	13.75
37738.42	413	117	1000	0.704	228.5	85.4	10.2	58.1	593.6	13.67
37738.46	413	117	1100	0.755	176.4	74.3	10.7	61.1	561.2	13.61
37738.50	413	117	1200	0.777	187.2	84.3	11.2	62.9	491.4	13.60
37738.54	413	117	1300	0.641	219.4	81.2	11.0	65.1	324.9	13.62
37738.58	413	117	1400	0.393	177.7	86.8	10.9	67.3	316.8	13.65
37738.63	413	117	1500	0.584	253.3	89.4	12.3	59.1	357.5	13.57
37738.67	413	117	1600	0.360	223.9	66.0	12.0	57.8	192.6	13.62
37738.71	413	117	1700	0.363	77.2	93.0	10.9	69.7	59.9	13.33
37738.75	413	117	1800	0.596	42.7	28.8	10.0	78.1	44.5	13.21
37738.79	413	117	1900	0.460	53.8	51.9	8.7	82.4	20.9	13.13
37738.83	413	117	2000	0.548	44.4	78.2	8.6	76.5	0.1	13.09
37738.88	413	117	2100	0.317	260.2	86.7	7.9	85.3	0.0	13.06
37738.92	413	117	2200	0.237	313.7	77.6	6.8	95.3	0.0	13.04
37738.96	413	117	2300	0.285	16.8	70.4	6.4	96.8	0.0	13.03
37739.00	413	117	2400	0.391	333.9	73.1	6.0	95.0	0.0	13.01
37739.04	413	118	100	0.256	46.4	49.1	5.6	96.8	0.0	12.99
37739.08	413	118	200	0.330	32.7	55.1	5.0	96.5	0.0	12.97
37739.13	413	118	300	1.082	59.6	25.7	3.5	95.2	0.0	12.95
37739.17	413	118	400	0.891	63.9	48.8	4.6	92.5	0.0	12.92
37739.21	413	118	500	0.608	54.6	46.6	4.3	93.3	0.0	12.90
37739.25	413	118	600	0.272	53.5	34.6	3.7	96.5	6.5	12.89
37739.29	413	118	700	0.249	53.7	29.7	3.9	97.3	55.5	12.92
37739.33	413	118	800	0.393	80.9	74.4	5.6	91.5	125.9	13.47
37739.38	413	118	900	0.622	311.9	86.1	7.2	76.5	164.4	13.88
37739.42	413	118	1000	0.872	301.9	74.9	7.5	70.5	144.4	13.87
37739.46	413	118	1100	0.688	321.8	80.8	6.7	76.4	86.3	13.90
37739.50	413	118	1200	0.809	330.2	75.5	5.8	82.1	100.3	13.89
37739.54	413	118	1300	0.701	321.0	73.8	5.0	87.5	62.9	13.57
37739.58	413	118	1400	0.868	35.0	81.7	6.2	88.1	361.1	13.94
37739.63	413	118	1500	1.464	353.1	67.8	7.4	79.3	289.7	13.88
37739.67	413	118	1600	1.528	343.2	68.1	7.7	72.4	198.7	13.87
37739.71	413	118	1700	1.291	332.2	71.6	7.6	70.8	81.6	13.74
37739.75	413	118	1800	1.030	340.8	72.4	7.5	71.5	48.8	13.32
37739.79	413	118	1900	1.153	344.9	64.3	7.0	72.1	24.2	13.15
37739.83	413	118	2000	0.842	328.0	68.6	6.2	73.7	0.0	13.11
37739.88	413	118	2100	0.656	334.7	59.3	6.3	76.4	0.0	13.07
37739.92	413	118	2200	0.610	320.4	67.5	6.2	76.7	0.0	13.05
37739.96	413	118	2300	0.473	335.5	72.9	5.9	78.5	0.0	13.02
37740.00	413	118	2400	0.493	346.0	82.7	5.3	82.9	0.0	12.99
37740.04	413	119	100	0.436	337.1	68.1	5.6	78.7	0.0	12.96
37740.08	413	119	200	0.490	330.6	68.2	5.8	79.2	0.0	12.94
37740.13	413	119	300	0.479	12.9	81.2	5.3	86.6	0.0	12.93
37740.17	413	119	400	0.396	305.5	79.5	5.0	88.9	0.0	12.91
37740.21	413	119	500	0.251	316.3	80.6	4.5	93.7	0.0	12.89
37740.25	413	119	600	0.457	13.6	80.2	4.2	94.0	0.0	12.88
37740.29	413	119	700	0.853	28.4	58.0	4.4	90.7	22.4	12.88
37740.33	413	119	800	0.543	11.5	87.1	5.0	91.7	83.6	13.19
37740.38	413	119	900	0.363	289.6	78.0	6.0	87.7	88.6	13.51

37740.42	413	119	1000	0.479	345.0	84.1	6.6	84.7	123.2	13.72
37740.46	413	119	1100	0.713	325.4	78.0	7.4	80.8	156.7	13.87
37740.50	413	119	1200	0.908	316.6	63.3	7.9	75.8	218.6	13.86
37740.54	413	119	1300	0.926	325.9	67.6	7.8	76.1	190.2	13.85
37740.58	413	119	1400	0.623	336.6	63.8	8.1	77.4	107.8	13.67
37740.63	413	119	1500	0.358	357.0	68.8	6.9	89.8	77.5	13.55
37740.67	413	119	1600	0.186	265.5	99.0	6.7	93.5	33.9	13.18
37740.71	413	119	1700	0.157	70.9	59.0	6.2	95.8	27.7	13.13
37740.75	413	119	1800	0.184	28.1	72.5	5.9	96.8	0.1	13.09
37740.79	413	119	1900	0.442	51.0	30.8	5.1	96.1	0.4	13.05
37740.83	413	119	2000	0.538	61.5	25.5	4.2	96.0	0.0	13.02
37740.88	413	119	2100	0.397	53.4	25.8	3.9	96.4	0.0	12.98
37740.92	413	119	2200	0.231	63.6	41.6	4.2	96.9	0.0	12.95
37740.96	413	119	2300	0.334	64.3	18.4	4.3	97.4	0.0	12.93
37741.00	413	119	2400	0.191	70.8	24.3	4.3	97.3	0.0	12.91
37741.04	413	120	100	0.441	40.3	27.5	4.0	97.2	0.0	12.89
37741.08	413	120	200	0.479	51.0	32.8	3.2	96.5	0.0	12.88
37741.13	413	120	300	0.652	57.1	23.9	2.5	97.3	0.0	12.87
37741.17	413	120	400	0.459	65.8	27.5	2.7	97.1	0.0	12.86
37741.21	413	120	500	0.376	66.3	21.2	3.1	97.2	0.0	12.85
37741.25	413	120	600	0.430	56.4	22.0	3.3	97.4	25.4	12.85
37741.29	413	120	700	0.359	61.6	26.3	4.2	97.2	81.9	13.08
37741.33	413	120	800	0.297	57.7	51.4	5.8	93.2	224.7	13.72
37741.38	413	120	900	0.396	192.7	47.6	7.0	87.8	292.4	13.84
37741.42	413	120	1000	0.276	119.4	67.6	7.8	83.4	250.8	13.80
37741.46	413	120	1100	0.601	57.1	81.4	8.8	79.4	504.3	13.75
37741.50	413	120	1200	0.765	93.1	87.3	10.2	71.0	603.3	13.62
37741.54	413	120	1300	0.781	192.5	76.1	11.3	67.3	757.0	13.59
37741.58	413	120	1400	0.702	123.1	96.4	11.9	66.5	430.7	13.56
37741.63	413	120	1500	0.722	113.8	85.6	13.3	61.3	739.0	13.53
37741.67	413	120	1600	0.559	244.1	92.3	11.1	73.6	123.8	13.57
37741.71	413	120	1700	0.429	245.3	46.3	10.7	78.3	227.3	13.70
37741.75	413	120	1800	0.257	290.4	63.4	11.2	69.8	83.1	13.47
37741.79	413	120	1900	0.320	39.3	19.2	8.3	88.4	40.1	13.16
37741.83	413	120	2000	0.465	45.8	15.0	6.4	94.1	2.3	13.11
37741.88	413	120	2100	0.605	64.1	24.7	5.6	92.3	0.0	13.07
37741.92	413	120	2200	0.574	88.3	32.6	5.1	90.2	0.0	13.04
37741.96	413	120	2300	0.622	75.6	32.4	4.9	88.3	0.0	13.02
37742.00	413	120	2400	0.346	43.8	27.3	3.6	93.1	0.0	13.00
37742.04	413	121	100	0.424	46.5	44.1	2.9	96.1	0.0	12.97
37742.08	413	121	200	1.320	44.9	24.2	6.4	75.4	0.0	12.95
37742.13	413	121	300	1.431	46.3	22.6	7.3	68.2	0.0	12.94
37742.17	413	121	400	1.240	51.6	21.4	6.3	73.4	0.0	12.94
37742.21	413	121	500	1.210	52.5	21.6	5.5	76.7	0.0	12.92
37742.25	413	121	600	1.778	38.4	34.8	8.4	55.5	22.1	12.90
37742.29	413	121	700	1.874	44.6	35.0	10.2	47.6	125.8	13.17
37742.33	413	121	800	1.540	46.2	35.9	12.2	43.9	259.9	13.70
37742.38	413	121	900	0.958	53.0	45.0	14.6	39.2	385.9	13.66
37742.42	413	121	1000	0.616	137.8	94.0	16.0	33.4	469.0	13.55
37742.46	413	121	1100	0.802	174.8	86.3	16.0	44.5	561.2	13.51
37742.50	413	121	1200	0.727	178.6	86.2	16.5	39.4	635.4	13.48
37742.54	413	121	1300	0.787	212.2	94.4	16.6	39.6	572.2	13.44

37742.58	413	121	1400	0.873	192.1	83.4	16.9	37.7	748.0	13.40
37742.63	413	121	1500	0.841	222.3	85.2	17.3	38.7	713.0	13.36
37742.67	413	121	1600	0.713	183.0	81.3	17.5	39.1	566.1	13.33
37742.71	413	121	1700	0.472	243.6	89.8	16.6	43.2	265.0	13.40
37742.75	413	121	1800	0.346	329.0	77.2	15.3	49.3	67.2	13.33
37742.79	413	121	1900	0.515	42.1	38.2	13.4	56.8	16.7	13.16
37742.83	413	121	2000	0.447	62.7	30.1	11.7	68.9	0.3	13.11
37742.88	413	121	2100	0.392	56.8	29.0	10.7	73.5	6.4	13.08
37742.92	413	121	2200	0.525	52.4	39.1	10.3	73.3	16.6	13.06
37742.96	413	121	2300	0.395	39.4	21.9	9.4	79.9	13.4	13.04
37743.00	413	121	2400	0.370	43.1	16.3	8.4	83.8	8.3	13.02
37743.04	413	122	100	0.465	56.1	34.3	8.5	78.1	2.0	13.01
37743.08	413	122	200	0.475	40.9	20.3	7.9	82.4	0.6	12.99
37743.13	413	122	300	0.451	71.3	31.0	8.1	79.4	0.0	12.97
37743.17	413	122	400	0.416	81.0	43.6	8.7	74.0	0.0	12.96
37743.21	413	122	500	0.449	43.3	27.1	8.4	80.9	0.0	12.95
37743.25	413	122	600	0.381	50.7	16.7	8.0	86.9	14.3	12.94
37743.29	413	122	700	0.608	44.9	24.7	8.2	89.5	46.4	12.95
37743.33	413	122	800	0.417	77.9	41.9	9.7	82.2	76.0	13.15
37743.38	413	122	900	0.411	59.0	53.4	9.8	89.1	59.8	13.08
37743.42	413	122	1000	0.293	30.0	29.9	9.8	93.4	98.2	13.46
37743.46	413	122	1100	0.232	53.4	51.1	10.0	92.7	102.6	13.64
37743.50	413	122	1200	0.211	213.2	43.1	9.6	93.1	74.0	13.49
37743.54	413	122	1300	0.141	145.6	80.0	9.6	92.0	157.3	13.75
37743.58	413	122	1400	0.226	70.3	59.6	10.0	90.8	145.5	13.82
37743.63	413	122	1500	0.180	219.3	33.1	9.8	92.6	63.9	13.41
37743.67	413	122	1600	0.233	238.6	69.3	9.3	96.5	50.3	13.20
37743.71	413	122	1700	0.251	130.8	70.4	9.4	96.2	88.2	13.52
37743.75	413	122	1800	0.151	49.2	23.3	9.3	95.1	41.9	13.19
37743.79	413	122	1900	0.000	0.0	0.0	8.7	96.5	17.5	13.12
37743.83	413	122	2000	0.000	0.0	0.0	8.4	97.4	0.1	13.08
37743.88	413	122	2100	0.230	66.3	46.0	8.1	97.9	0.0	13.05
37743.92	413	122	2200	0.209	50.4	20.5	7.7	98.1	0.0	13.02
37743.96	413	122	2300	0.240	61.1	20.6	7.7	98.4	0.0	12.99
37744.00	413	122	2400	0.054	71.9	27.0	7.6	98.6	0.0	12.97
37744.04	413	123	100	0.194	42.3	22.1	7.5	98.6	0.0	12.95
37744.08	413	123	200	0.131	43.1	63.4	7.4	98.7	0.0	12.94
37744.13	413	123	300	0.099	46.3	29.8	7.3	98.8	0.0	12.93
37744.17	413	123	400	0.066	58.4	25.4	7.3	98.7	0.0	12.92
37744.21	413	123	500	0.118	48.9	12.9	7.1	98.9	0.0	12.91
37744.25	413	123	600	0.239	64.1	19.2	7.1	99.0	1.6	12.90
37744.29	413	123	700	0.329	52.4	32.4	7.5	98.4	57.1	13.01
37744.33	413	123	800	0.182	224.2	84.9	8.6	96.5	132.8	13.50
37744.38	413	123	900	0.236	223.2	52.1	9.0	91.8	135.8	13.75
37744.42	413	123	1000	0.242	217.7	62.9	8.9	92.0	95.9	13.73
37744.46	413	123	1100	0.250	264.1	84.2	9.0	93.4	82.9	13.64
37744.50	413	123	1200	0.321	259.0	94.3	9.4	95.2	121.4	13.80
37744.54	413	123	1300	0.405	235.8	90.2	9.4	96.5	177.5	13.84
37744.58	413	123	1400	0.521	281.9	81.6	10.4	93.9	275.1	13.80
37744.63	413	123	1500	0.500	291.0	81.5	10.7	91.0	137.7	13.69
37744.67	413	123	1600	0.410	310.3	77.6	10.2	93.2	52.2	13.31
37744.71	413	123	1700	0.207	346.1	79.9	10.0	96.2	55.5	13.35

37744.75	413	123	1800	0.437	50.9	54.7	7.6	95.8	29.7	13.15
37744.79	413	123	1900	0.325	56.5	70.8	7.5	97.8	0.4	13.11
37744.83	413	123	2000	0.307	70.2	59.5	7.5	98.0	0.0	13.07
37744.88	413	123	2100	0.506	54.7	43.0	6.5	97.7	0.0	13.05
37744.92	413	123	2200	0.296	78.3	70.1	6.4	97.9	0.0	13.02
37744.96	413	123	2300	0.208	46.1	31.1	6.6	98.2	0.0	12.99
37745.00	413	123	2400	0.162	47.2	83.7	6.3	98.0	0.0	12.96
37745.04	413	124	100	0.131	57.4	42.4	6.1	98.1	0.0	12.95
37745.08	413	124	200	0.109	15.5	67.0	5.9	98.2	0.0	12.93
37745.13	413	124	300	0.313	43.5	41.0	5.6	97.5	0.0	12.91
37745.17	413	124	400	0.319	66.1	37.5	5.2	96.8	0.0	12.90
37745.21	413	124	500	0.345	69.8	43.0	5.0	96.6	0.0	12.89
37745.25	413	124	600	0.344	71.0	35.8	4.8	97.2	1.4	12.89
37745.29	413	124	700	0.135	63.3	93.4	5.0	96.7	32.6	12.88
37745.33	413	124	800	0.406	33.8	31.5	5.1	95.8	90.3	13.21
37745.38	413	124	900	0.436	9.0	89.8	5.9	94.1	132.1	13.62
37745.42	413	124	1000	0.505	282.8	88.1	7.4	92.2	148.5	13.77
37745.46	413	124	1100	0.493	306.2	75.2	8.0	88.1	149.8	13.80
37745.50	413	124	1200	0.449	328.6	90.7	8.7	83.4	183.0	13.84
37745.54	413	124	1300	0.532	275.4	91.8	9.2	83.9	390.3	13.81
37745.58	413	124	1400	0.670	288.0	84.2	10.5	77.3	415.3	13.71
37745.63	413	124	1500	0.682	332.6	97.4	11.7	70.4	496.5	13.66
37745.67	413	124	1600	0.818	283.1	82.1	12.0	66.7	392.3	13.61
37745.71	413	124	1700	0.774	300.2	80.0	12.2	63.7	368.8	13.63
37745.75	413	124	1800	0.433	335.1	81.6	11.4	71.7	100.6	13.61
37745.79	413	124	1900	0.183	316.1	77.2	10.1	83.2	43.8	13.25
37745.83	413	124	2000	0.182	40.9	37.0	8.4	92.2	13.7	13.15
37745.88	413	124	2100	0.202	357.7	84.5	8.2	93.2	0.7	13.12
37745.92	413	124	2200	0.250	30.5	65.9	7.9	96.0	0.1	13.09
37745.96	413	124	2300	0.280	49.6	12.8	6.9	97.6	0.0	13.06
37746.00	413	124	2400	0.294	46.1	12.5	5.6	98.2	0.0	13.03
37746.04	413	125	100	0.353	56.2	18.7	4.3	98.3	0.0	13.00
37746.08	413	125	200	0.488	55.2	24.4	3.8	97.9	0.0	12.97
37746.13	413	125	300	0.475	60.0	17.4	3.3	97.7	0.0	12.94
37746.17	413	125	400	0.412	49.4	24.1	3.0	97.7	0.0	12.91
37746.21	413	125	500	0.402	56.6	19.7	3.1	98.0	0.0	12.89
37746.25	413	125	600	0.418	54.5	21.1	2.6	98.2	23.7	12.87
37746.29	413	125	700	0.322	77.9	32.7	3.9	98.2	112.1	12.88
37746.33	413	125	800	0.326	93.0	53.9	8.1	81.1	251.5	13.47
37746.38	413	125	900	0.480	189.9	53.5	10.2	66.4	283.7	13.71
37746.42	413	125	1000	0.678	173.7	88.3	11.7	57.2	553.0	13.64
37746.46	413	125	1100	0.742	204.5	81.2	13.0	55.8	905.0	13.56
37746.50	413	125	1200	0.903	161.8	88.5	13.6	54.5	867.0	13.49
37746.54	413	125	1300	0.929	193.0	75.5	14.4	50.7	934.0	13.44
37746.58	413	125	1400	0.928	220.4	79.7	14.9	47.7	864.0	13.41
37746.63	413	125	1500	0.762	206.9	98.5	15.5	43.4	742.0	13.38
37746.67	413	125	1600	0.671	206.5	85.4	15.9	35.3	598.8	13.36
37746.71	413	125	1700	0.530	264.8	91.6	15.4	34.4	397.8	13.43
37746.75	413	125	1800	0.393	318.2	73.1	14.6	41.6	96.5	13.36
37746.79	413	125	1900	0.253	32.2	41.1	11.0	64.3	34.6	13.15
37746.83	413	125	2000	0.490	45.8	16.3	7.6	84.3	5.8	13.10
37746.88	413	125	2100	0.484	41.0	15.8	6.2	86.8	12.0	13.06

37746.92	413	125	2200	0.584	51.5	15.4	5.5	86.1	1.6	13.03
37746.96	413	125	2300	0.637	54.2	16.9	4.9	87.1	0.0	13.00
37747.00	413	125	2400	0.534	65.0	22.7	5.1	85.5	0.0	12.97
37747.04	413	126	100	0.603	69.9	24.2	5.6	84.1	0.0	12.96
37747.08	413	126	200	0.439	59.4	23.9	6.2	83.3	0.0	12.95
37747.13	413	126	300	0.435	63.8	19.3	6.1	85.6	0.0	12.94
37747.17	413	126	400	0.450	52.1	20.8	5.7	86.9	0.0	12.93
37747.21	413	126	500	0.391	58.4	20.8	6.1	86.2	0.0	12.91
37747.25	413	126	600	0.285	54.4	16.9	6.8	84.0	16.8	12.91
37747.29	413	126	700	0.183	61.6	22.8	8.1	78.4	70.3	13.05
37747.33	413	126	800	0.179	118.3	81.3	9.9	70.5	160.0	13.62
37747.38	413	126	900	0.310	206.0	66.2	10.7	68.2	205.5	13.76
37747.42	413	126	1000	0.363	138.4	90.1	11.7	68.4	298.0	13.73
37747.46	413	126	1100	0.715	200.6	76.8	12.6	67.0	510.7	13.63
37747.50	413	126	1200	0.635	198.5	86.4	12.0	71.3	309.9	13.61
37747.54	413	126	1300	0.451	189.1	75.9	11.1	76.1	234.3	13.68
37747.58	413	126	1400	0.410	141.7	87.9	10.6	83.0	174.3	13.72
37747.63	413	126	1500	0.409	63.5	85.7	10.7	84.3	232.9	13.67
37747.67	413	126	1600	0.238	24.7	81.2	9.8	89.5	79.3	13.61
37747.71	413	126	1700	0.422	42.4	29.0	9.7	91.8	130.5	13.81
37747.75	413	126	1800	0.513	46.1	22.8	9.7	91.6	72.3	13.56
37747.79	413	126	1900	0.652	62.7	17.8	8.8	92.0	37.3	13.18
37747.83	413	126	2000	0.568	51.6	28.7	7.8	94.1	1.0	13.13
37747.88	413	126	2100	0.623	35.6	22.4	7.1	94.4	-0.1	13.09
37747.92	413	126	2200	0.597	71.1	31.2	6.9	92.8	0.0	13.06
37747.96	413	126	2300	0.529	85.0	28.3	7.0	91.0	0.0	13.04
37748.00	413	126	2400	0.416	59.8	19.8	6.3	94.1	0.0	13.02
37748.04	413	127	100	0.359	56.1	19.1	6.4	94.0	0.0	12.99
37748.08	413	127	200	0.383	59.3	16.1	6.4	92.5	0.0	12.97
37748.13	413	127	300	0.468	59.8	20.1	6.5	90.2	0.0	12.95
37748.17	413	127	400	0.497	63.4	20.4	6.6	89.5	0.0	12.94
37748.21	413	127	500	0.357	59.3	20.6	6.7	90.7	0.0	12.93
37748.25	413	127	600	0.233	62.6	44.3	6.8	92.4	4.2	12.92
37748.29	413	127	700	0.230	67.3	19.5	7.0	92.1	30.8	12.91
37748.33	413	127	800	0.132	69.1	27.9	7.3	93.4	39.4	12.91
37748.38	413	127	900	0.201	75.1	32.5	7.5	96.1	47.2	12.94
37748.42	413	127	1000	0.215	43.6	38.8	8.3	94.7	130.8	13.48
37748.46	413	127	1100	0.222	154.4	84.8	9.3	90.8	234.1	13.70
37748.50	413	127	1200	0.352	222.2	73.4	10.1	89.5	342.2	13.71
37748.54	413	127	1300	0.623	237.2	73.9	11.8	79.6	587.5	13.64
37748.58	413	127	1400	0.853	263.6	90.0	13.4	71.7	648.4	13.54
37748.63	413	127	1500	0.780	248.1	93.8	14.4	64.6	573.2	13.50
37748.67	413	127	1600	0.837	293.2	84.4	13.5	66.1	241.3	13.55
37748.71	413	127	1700	0.639	326.9	75.8	13.2	67.4	131.9	13.63
37748.75	413	127	1800	0.473	336.0	77.4	12.3	73.7	50.0	13.39
37748.79	413	127	1900	0.530	322.9	75.3	11.4	82.5	39.6	13.17
37748.83	413	127	2000	0.509	29.8	95.6	9.7	89.4	14.1	13.13
37748.88	413	127	2100	0.358	60.0	28.4	7.7	94.1	3.3	13.10
37748.92	413	127	2200	0.489	52.1	28.3	6.2	92.4	0.6	13.07
37748.96	413	127	2300	0.380	46.7	38.1	4.5	95.5	0.0	13.03
37749.00	413	127	2400	0.429	60.0	22.8	3.4	96.6	0.0	13.00
37749.04	413	128	100	0.312	61.5	20.5	3.2	96.9	0.0	12.96

37749.08	413	128	200	0.166	27.8	76.0	3.8	95.0	0.0	12.94
37749.13	413	128	300	0.427	23.7	50.2	3.4	93.4	0.0	12.93
37749.17	413	128	400	0.289	41.1	29.7	2.5	95.8	0.0	12.90
37749.21	413	128	500	0.308	53.3	29.0	2.3	97.1	0.0	12.89
37749.25	413	128	600	0.302	50.6	25.4	2.6	97.1	20.1	12.87
37749.29	413	128	700	0.172	73.1	36.8	3.3	96.8	49.2	12.91
37749.33	413	128	800	0.311	100.4	74.0	4.2	91.5	74.4	13.22
37749.38	413	128	900	0.303	26.1	79.9	4.1	91.8	75.1	13.19
37749.42	413	128	1000	0.677	46.5	53.6	4.8	90.6	276.0	13.89
37749.46	413	128	1100	0.592	23.2	85.6	5.6	85.7	566.3	13.84
37749.50	413	128	1200	0.820	334.1	91.7	7.4	72.5	569.1	13.74
37749.54	413	128	1300	0.770	44.9	65.6	6.9	78.2	200.7	13.50
37749.58	413	128	1400	0.640	40.3	33.1	3.9	93.9	74.7	13.38
37749.63	413	128	1500	0.449	37.9	43.9	5.6	90.4	280.2	13.92
37749.67	413	128	1600	0.554	95.2	77.8	7.8	72.5	316.0	13.81
37749.71	413	128	1700	0.737	108.4	73.5	8.2	66.6	348.0	13.80
37749.75	413	128	1800	0.514	121.4	102.5	8.4	70.9	163.1	13.71
37749.79	413	128	1900	0.462	259.3	90.1	6.2	87.2	76.4	13.53
37749.83	413	128	2000	0.304	16.0	65.9	5.6	90.0	3.8	13.16
37749.88	413	128	2100	0.285	40.2	47.5	4.1	94.1	0.0	13.11
37749.92	413	128	2200	0.491	68.4	21.2	2.6	96.5	0.0	13.07
37749.96	413	128	2300	0.460	62.1	21.7	1.9	97.5	0.0	13.02
37750.00	413	128	2400	0.356	63.6	38.2	1.6	97.9	0.0	12.98
37750.04	413	129	100	0.346	54.1	22.9	1.0	98.3	0.0	12.95
37750.08	413	129	200	0.452	67.3	16.9	0.6	98.7	0.0	12.92
37750.13	413	129	300	0.398	59.1	12.3	0.2	99.0	0.0	12.89
37750.17	413	129	400	0.356	70.1	18.8	0.1	99.2	0.0	12.87
37750.21	413	129	500	0.334	68.4	17.3	0.2	99.2	0.0	12.86
37750.25	413	129	600	0.307	56.9	26.1	0.3	99.3	0.1	12.85
37750.29	413	129	700	0.253	78.9	19.6	1.4	99.2	86.9	12.87
37750.33	413	129	800	0.470	142.0	48.0	4.4	93.4	278.0	13.63
37750.38	413	129	900	0.554	220.5	71.9	5.9	86.5	402.8	13.85
37750.42	413	129	1000	0.602	177.9	64.9	7.1	80.1	403.0	13.74
37750.46	413	129	1100	0.567	248.2	81.2	7.6	75.6	269.2	13.76
37750.50	413	129	1200	0.567	88.0	84.3	8.9	70.1	545.5	13.75
37750.54	413	129	1300	0.633	246.5	92.5	10.9	63.1	557.7	13.61
37750.58	413	129	1400	0.720	205.8	84.6	12.1	55.8	578.5	13.57
37750.63	413	129	1500	0.491	25.3	93.2	12.4	52.5	279.2	13.59
37750.67	413	129	1600	0.376	84.0	87.1	11.9	60.7	134.8	13.50
37750.71	413	129	1700	0.857	20.1	32.8	8.9	88.6	74.7	13.61
37750.75	413	129	1800	0.641	39.1	32.4	8.8	87.0	42.0	13.27
37750.79	413	129	1900	0.723	31.1	31.0	8.1	84.2	38.9	13.16
37750.83	413	129	2000	0.547	62.2	33.7	7.4	85.0	1.4	13.12
37750.88	413	129	2100	0.565	61.7	34.6	7.3	84.7	0.0	13.08
37750.92	413	129	2200	0.496	65.3	30.9	6.8	87.4	0.0	13.05
37750.96	413	129	2300	0.493	62.3	31.9	6.8	87.4	0.0	13.02
37751.00	413	129	2400	0.303	62.8	29.3	6.9	87.5	0.0	13.00
37751.04	413	130	100	0.452	68.6	22.0	6.7	89.4	0.0	12.98
37751.08	413	130	200	0.329	92.9	32.7	6.6	88.7	0.0	12.96
37751.13	413	130	300	0.296	93.9	45.8	7.0	85.0	0.0	12.94
37751.17	413	130	400	0.423	71.4	30.8	6.8	86.6	0.0	12.93
37751.21	413	130	500	0.291	59.9	56.4	6.2	91.4	0.0	12.92

37751.25	413	130	600	0.346	60.5	47.4	6.0	93.2	25.3	12.91
37751.29	413	130	700	0.210	66.4	40.4	7.4	89.5	78.3	13.07
37751.33	413	130	800	0.176	209.2	69.2	9.6	73.8	149.2	13.71
37751.38	413	130	900	0.356	220.6	85.3	10.4	69.7	229.6	13.78
37751.42	413	130	1000	0.514	88.9	78.5	12.4	61.1	461.3	13.67
37751.46	413	130	1100	0.748	186.4	89.6	14.8	48.9	790.0	13.54
37751.50	413	130	1200	0.731	194.5	87.9	15.6	47.1	767.0	13.47
37751.54	413	130	1300	0.928	222.6	101.7	16.3	46.4	895.0	13.42
37751.58	413	130	1400	0.871	48.3	78.8	15.7	49.2	427.1	13.44
37751.63	413	130	1500	0.959	146.9	98.5	17.2	41.5	729.0	13.39
37751.67	413	130	1600	0.962	81.0	84.6	16.7	43.0	606.3	13.38
37751.71	413	130	1700	0.550	208.6	99.5	16.1	46.2	276.7	13.45
37751.75	413	130	1800	0.205	309.2	88.7	14.3	59.8	42.0	13.24
37751.79	413	130	1900	0.173	352.3	95.4	13.5	65.4	35.6	13.17
37751.83	413	130	2000	0.426	49.0	18.8	11.1	81.3	1.0	13.12
37751.88	413	130	2100	0.439	47.1	23.8	10.0	82.3	10.0	13.08
37751.92	413	130	2200	0.463	62.6	23.6	10.0	79.4	17.5	13.06
37751.96	413	130	2300	0.373	54.1	73.0	9.5	84.9	12.8	13.03
37752.00	413	130	2400	0.392	56.5	39.4	9.4	85.6	12.2	13.01
37752.04	413	131	100	0.300	69.8	37.8	9.3	84.6	5.7	12.99
37752.08	413	131	200	0.352	61.6	57.3	9.2	84.8	1.9	12.97
37752.13	413	131	300	0.446	48.4	30.9	8.9	85.4	1.9	12.96
37752.17	413	131	400	0.524	53.8	19.1	7.8	87.5	0.5	12.95
37752.21	413	131	500	0.513	47.7	17.4	6.4	92.8	0.2	12.93
37752.25	413	131	600	0.447	67.1	26.2	7.4	87.4	36.5	12.91
37752.29	413	131	700	0.258	72.8	28.2	9.5	77.1	68.9	13.04
37752.33	413	131	800	0.378	55.4	46.9	12.1	67.7	233.8	13.58
37752.38	413	131	900	0.656	83.4	92.1	14.0	59.1	365.7	13.64
37752.42	413	131	1000	0.657	198.5	89.3	14.9	60.4	629.3	13.55
37752.46	413	131	1100	0.715	209.0	91.4	15.1	63.1	555.0	13.50
37752.50	413	131	1200	0.789	185.0	91.0	15.1	64.3	532.3	13.49
37752.54	413	131	1300	0.756	175.1	95.6	15.3	62.2	439.6	13.51
37752.58	413	131	1400	0.757	148.3	91.5	16.0	59.8	424.5	13.50
37752.63	413	131	1500	0.744	148.5	95.9	16.2	58.7	418.3	13.50
37752.67	413	131	1600	0.601	11.4	94.7	15.9	56.1	256.3	13.52
37752.71	413	131	1700	0.439	306.6	91.4	15.2	56.0	127.2	13.58
37752.75	413	131	1800	0.316	326.9	90.9	14.5	61.7	50.7	13.32
37752.79	413	131	1900	0.246	42.3	56.1	13.3	72.6	40.9	13.16
37752.83	413	131	2000	0.479	39.6	18.8	11.8	80.6	5.3	13.12
37752.88	413	131	2100	0.414	44.8	16.3	10.5	86.2	14.2	13.10
37752.92	413	131	2200	0.393	47.7	14.6	9.4	89.5	13.6	13.06
37752.96	413	131	2300	0.492	52.4	21.5	8.7	90.7	8.4	13.03
37753.00	413	131	2400	0.431	44.8	21.7	9.2	89.5	1.5	13.01
37753.04	413	132	100	0.444	44.1	19.0	9.4	88.7	1.3	13.00
37753.08	413	132	200	0.522	51.6	18.9	9.1	90.6	1.1	12.98
37753.13	413	132	300	0.549	34.4	15.3	7.7	93.3	0.7	12.96
37753.17	413	132	400	0.530	39.4	15.2	6.4	95.4	0.0	12.94
37753.21	413	132	500	0.511	43.0	13.1	5.7	95.7	0.0	12.92
37753.25	413	132	600	0.661	57.4	19.1	6.7	86.8	34.7	12.91
37753.29	413	132	700	0.508	79.9	25.3	10.2	72.4	127.7	13.11
37753.33	413	132	800	0.370	149.8	62.8	13.9	56.8	259.4	13.69
37753.38	413	132	900	0.583	226.8	88.8	16.0	43.1	485.7	13.57

37753.42	413	132	1000	0.732	214.6	84.7	17.2	40.2	660.8	13.46
37753.46	413	132	1100	0.745	190.9	76.7	18.3	38.2	750.0	13.41
37753.50	413	132	1200	0.876	213.5	80.0	18.9	38.2	795.0	13.36
37753.54	413	132	1300	0.792	204.1	86.1	19.3	38.6	759.0	13.34
37753.58	413	132	1400	0.722	160.5	87.4	19.7	39.7	647.0	13.34
37753.63	413	132	1500	0.570	232.0	74.5	19.5	42.8	430.1	13.35
37753.67	413	132	1600	0.524	227.8	70.7	19.6	42.3	339.7	13.38
37753.71	413	132	1700	0.312	236.2	79.2	19.5	43.7	222.0	13.42
37753.75	413	132	1800	0.110	248.1	58.0	18.2	57.6	97.9	13.44
37753.79	413	132	1900	0.291	26.7	15.1	15.8	69.5	29.6	13.18
37753.83	413	132	2000	0.453	56.3	39.8	12.7	72.8	0.2	13.12
37753.88	413	132	2100	0.438	40.2	36.7	10.4	74.5	0.9	13.08
37753.92	413	132	2200	0.574	49.6	34.1	9.3	73.7	11.9	13.05
37753.96	413	132	2300	0.525	72.3	39.8	9.9	66.8	12.9	13.02
37754.00	413	132	2400	0.331	75.2	49.0	9.4	70.7	6.2	13.00
37754.04	413	133	100	0.242	71.5	67.8	8.6	76.3	3.2	12.98
37754.08	413	133	200	0.491	65.4	52.1	9.6	68.2	0.7	12.96
37754.13	413	133	300	0.615	75.7	38.4	10.0	66.4	0.5	12.95
37754.17	413	133	400	0.608	83.9	39.5	10.1	65.4	0.5	12.94
37754.21	413	133	500	0.488	75.9	45.5	9.8	65.8	4.1	12.93
37754.25	413	133	600	0.546	77.6	44.9	10.4	63.6	41.6	12.93
37754.29	413	133	700	0.555	88.3	36.9	12.3	59.9	150.5	12.94
37754.33	413	133	800	0.481	86.8	33.3	17.3	45.7	316.3	13.45
37754.38	413	133	900	0.547	188.3	80.9	21.6	31.9	544.8	13.46
37754.42	413	133	1000	0.607	170.8	78.7	22.5	32.5	608.2	13.34
37754.46	413	133	1100	0.676	202.1	82.5	22.8	35.7	770.0	13.31
37754.50	413	133	1200	0.787	195.9	91.9	23.8	28.3	815.0	13.27
37754.54	413	133	1300	0.729	238.7	89.9	24.3	24.5	922.0	13.24
37754.58	413	133	1400	0.795	221.4	96.4	24.9	24.9	873.0	13.21
37754.63	413	133	1500	0.786	224.6	82.6	25.2	24.3	765.0	13.19
37754.67	413	133	1600	0.697	203.4	80.2	25.2	24.1	622.6	13.19
37754.71	413	133	1700	0.517	237.5	90.8	24.7	22.5	463.8	13.21
37754.75	413	133	1800	0.276	275.4	78.0	23.1	27.7	112.4	13.20
37754.79	413	133	1900	0.373	23.6	22.4	18.1	49.2	1.6	13.11
37754.83	413	133	2000	0.550	32.0	12.9	13.9	70.4	0.0	13.07
37754.88	413	133	2100	0.586	34.3	15.9	12.5	75.3	0.1	13.03
37754.92	413	133	2200	0.587	42.0	22.2	12.0	74.3	0.2	12.99
37754.96	413	133	2300	0.581	50.3	22.8	11.1	78.5	5.5	12.97
37755.00	413	133	2400	0.540	46.3	20.9	10.5	78.9	14.7	12.96
37755.04	413	134	100	0.613	59.9	28.2	10.1	79.2	15.4	12.94
37755.08	413	134	200	0.611	52.4	25.1	9.8	79.0	9.9	12.93
37755.13	413	134	300	0.586	49.3	26.8	9.2	80.9	8.2	12.92
37755.17	413	134	400	0.680	52.6	25.0	9.3	77.9	5.1	12.91
37755.21	413	134	500	0.694	58.8	31.1	9.5	76.9	6.0	12.91
37755.25	413	134	600	0.635	61.8	32.3	10.0	75.8	41.7	12.91
37755.29	413	134	700	0.505	83.5	29.6	12.6	72.3	148.4	12.93
37755.33	413	134	800	0.399	78.6	26.8	17.5	57.8	278.7	13.41
37755.38	413	134	900	0.446	135.9	79.1	21.5	41.1	532.0	13.46
37755.42	413	134	1000	0.693	173.5	80.3	22.4	40.8	694.5	13.33
37755.46	413	134	1100	0.878	152.5	75.7	22.8	42.9	801.0	13.30
37755.50	413	134	1200	0.876	175.1	91.0	23.1	42.1	878.0	13.27
37755.54	413	134	1300	0.816	164.0	90.7	23.8	36.6	908.0	13.25

37755.58	413	134	1400	0.850	180.2	87.2	24.4	32.0	849.0	13.22
37755.63	413	134	1500	0.792	216.8	85.4	24.7	29.1	764.0	13.20
37755.67	413	134	1600	0.760	270.6	78.7	25.2	25.8	624.8	13.19
37755.71	413	134	1700	0.537	272.3	83.6	25.0	26.4	456.9	13.21
37755.75	413	134	1800	0.406	345.8	68.4	23.5	32.1	105.1	13.20
37755.79	413	134	1900	0.326	24.3	36.9	19.3	47.6	1.9	13.11
37755.83	413	134	2000	0.551	32.4	21.6	15.0	68.4	0.0	13.07
37755.88	413	134	2100	0.607	45.3	20.5	13.3	78.0	0.2	13.03
37755.92	413	134	2200	0.493	43.8	31.9	13.1	76.5	-0.1	12.99
37755.96	413	134	2300	0.592	31.7	16.7	11.4	83.7	0.9	12.97
37756.00	413	134	2400	0.639	33.5	17.7	10.1	88.8	10.7	12.95
37756.04	413	135	100	0.470	38.1	24.4	10.4	87.7	14.3	12.94
37756.08	413	135	200	0.541	37.4	14.8	10.1	88.9	12.9	12.93
37756.13	413	135	300	0.306	48.6	31.0	11.0	82.7	14.9	12.92
37756.17	413	135	400	0.357	44.9	25.6	10.4	86.1	17.1	12.92
37756.21	413	135	500	0.344	36.3	41.9	11.3	85.5	18.9	12.92
37756.25	413	135	600	0.396	35.2	73.9	11.8	87.0	40.7	12.92
37756.29	413	135	700	0.668	269.4	42.7	10.9	90.1	52.9	12.96
37756.33	413	135	800	0.409	254.9	68.2	10.3	92.6	74.0	13.21
37756.38	413	135	900	0.355	284.7	66.6	9.6	95.8	54.8	13.16
37756.42	413	135	1000	0.451	254.1	77.6	10.0	93.6	77.2	13.25
37756.46	413	135	1100	0.564	142.0	88.2	11.6	81.1	294.5	13.66
37756.50	413	135	1200	0.603	214.4	83.6	13.6	73.0	547.3	13.59
37756.54	413	135	1300	0.777	213.6	91.0	16.3	65.9	800.0	13.47
37756.58	413	135	1400	0.853	210.7	87.6	17.1	65.0	862.0	13.39
37756.63	413	135	1500	0.733	203.2	87.5	18.0	59.9	734.0	13.35
37756.67	413	135	1600	0.729	223.1	93.1	18.7	55.2	594.5	13.34
37756.71	413	135	1700	0.574	182.1	98.6	18.4	57.3	410.8	13.37
37756.75	413	135	1800	0.442	339.1	98.4	17.1	68.7	115.0	13.43
37756.79	413	135	1900	0.169	319.7	58.8	15.2	78.0	36.0	13.19
37756.83	413	135	2000	0.196	24.8	17.0	12.9	87.1	0.3	13.13
37756.88	413	135	2100	0.166	15.0	48.4	12.7	89.3	0.2	13.09
37756.92	413	135	2200	0.418	30.3	9.8	10.8	92.9	1.7	13.06
37756.96	413	135	2300	0.400	39.8	20.2	10.7	95.5	12.5	13.03
37757.00	413	135	2400	0.421	35.0	10.3	10.9	93.8	18.4	13.01
37757.04	413	136	100	0.475	31.0	12.2	9.1	96.3	17.5	12.99
37757.08	413	136	200	0.477	35.8	12.0	8.6	97.2	11.2	12.96
37757.13	413	136	300	0.464	48.5	22.3	8.7	98.1	4.8	12.95
37757.17	413	136	400	0.463	42.1	17.0	9.0	96.6	2.2	12.93
37757.21	413	136	500	0.523	41.3	11.7	7.4	97.0	4.7	12.92
37757.25	413	136	600	0.451	37.4	19.8	6.8	97.8	43.0	12.91
37757.29	413	136	700	0.342	74.7	28.0	9.8	88.5	174.6	12.93
37757.33	413	136	800	0.356	79.3	53.9	14.7	56.9	289.9	13.51
37757.38	413	136	900	0.570	204.2	85.9	15.8	61.5	518.0	13.54
37757.42	413	136	1000	0.770	217.9	80.6	16.9	57.0	687.9	13.44
37757.46	413	136	1100	0.850	167.5	86.4	18.2	46.4	819.0	13.39
37757.50	413	136	1200	0.909	194.8	84.6	18.6	45.4	897.0	13.36
37757.54	413	136	1300	0.825	187.1	88.5	19.6	41.1	926.0	13.33
37757.58	413	136	1400	0.870	181.9	87.1	20.1	35.7	883.0	13.31
37757.63	413	136	1500	0.796	212.4	85.3	20.6	29.5	783.0	13.29
37757.67	413	136	1600	0.695	211.7	88.4	20.8	21.9	652.0	13.27
37757.71	413	136	1700	0.494	280.9	87.1	20.6	19.1	481.2	13.31

37757.75	413	136	1800	0.433	308.4	77.4	19.1	23.8	114.9	13.32
37757.79	413	136	1900	0.398	19.0	32.3	14.7	43.2	1.1	13.13
37757.83	413	136	2000	0.565	36.9	18.0	10.7	66.0	0.2	13.09
37757.88	413	136	2100	0.621	43.9	20.5	8.8	71.4	1.1	13.04
37757.92	413	136	2200	0.637	41.2	26.8	8.0	67.4	11.9	13.00
37757.96	413	136	2300	0.658	43.1	27.8	7.1	67.6	11.9	12.97
37758.00	413	136	2400	0.545	33.8	26.6	6.4	67.7	2.7	12.95
37758.04	413	137	100	0.403	37.3	29.0	5.8	69.6	0.2	12.92
37758.08	413	137	200	0.764	49.4	31.3	7.5	60.4	0.0	12.90
37758.13	413	137	300	1.691	48.0	36.0	9.8	46.8	0.0	12.90
37758.17	413	137	400	2.010	55.7	37.4	9.3	47.3	0.2	12.90
37758.21	413	137	500	2.336	48.9	38.8	8.4	51.3	2.0	12.91
37758.25	413	137	600	2.620	53.4	36.7	8.1	52.3	45.0	12.90
37758.29	413	137	700	2.324	53.7	37.8	8.9	49.1	179.7	12.94
37758.33	413	137	800	2.068	56.4	39.1	10.8	43.1	296.5	13.55
37758.38	413	137	900	1.608	52.5	44.9	12.9	38.0	546.3	13.65
37758.42	413	137	1000	1.572	43.4	49.5	15.3	33.0	651.1	13.54
37758.46	413	137	1100	1.230	34.9	54.8	17.5	29.4	803.0	13.47
37758.50	413	137	1200	0.945	34.1	93.0	18.8	27.5	924.0	13.39
37758.54	413	137	1300	1.313	137.2	81.3	19.4	29.8	924.0	13.35
37758.58	413	137	1400	1.293	143.7	76.2	19.4	29.1	875.0	13.35
37758.63	413	137	1500	1.240	120.9	78.6	20.1	26.3	769.0	13.34
37758.67	413	137	1600	1.123	99.4	79.4	20.0	24.5	626.6	13.31
37758.71	413	137	1700	1.185	123.2	86.8	19.0	25.5	457.6	13.37
37758.75	413	137	1800	1.160	86.0	74.1	17.2	24.8	114.2	13.37
37758.79	413	137	1900	0.792	55.7	81.7	14.9	26.2	25.7	13.15
37758.83	413	137	2000	0.887	54.3	49.9	12.6	29.0	0.1	13.10
37758.88	413	137	2100	1.153	68.0	52.7	11.6	29.4	1.8	13.06
37758.92	413	137	2200	0.862	47.3	51.1	9.5	38.7	11.5	13.03
37758.96	413	137	2300	1.563	53.5	47.9	9.2	33.4	11.3	13.00
37759.00	413	137	2400	1.839	51.7	48.5	8.4	33.9	9.1	12.97
37759.04	413	138	100	2.034	55.1	45.1	7.5	38.4	2.9	12.95
37759.08	413	138	200	1.905	52.3	48.0	6.8	41.4	0.8	12.93
37759.13	413	138	300	1.703	43.1	53.6	6.3	43.9	0.2	12.91
37759.17	413	138	400	1.486	36.5	57.1	5.9	44.8	0.0	12.90
37759.21	413	138	500	1.932	40.8	54.9	5.7	44.8	1.2	12.89
37759.25	413	138	600	2.075	44.8	53.0	5.8	46.2	43.4	12.88
37759.29	413	138	700	1.929	50.6	53.7	7.5	39.4	190.4	12.92
37759.33	413	138	800	2.111	51.6	54.0	9.4	32.9	302.4	13.60
37759.38	413	138	900	2.104	47.7	52.6	11.2	28.9	517.5	13.70
37759.42	413	138	1000	2.018	43.5	51.8	13.1	28.0	658.1	13.61
37759.46	413	138	1100	1.704	49.8	57.1	15.2	25.7	805.0	13.55
37759.50	413	138	1200	1.829	45.5	59.3	16.6	23.7	924.0	13.50
37759.54	413	138	1300	1.801	55.4	52.3	18.2	21.2	924.0	13.45
37759.58	413	138	1400	1.691	69.7	52.3	19.5	19.1	890.0	13.39
37759.63	413	138	1500	1.477	56.6	56.8	20.0	18.3	783.0	13.36
37759.67	413	138	1600	1.488	60.7	59.9	20.0	18.3	641.8	13.34
37759.71	413	138	1700	1.196	46.4	56.6	19.6	19.1	467.9	13.38
37759.75	413	138	1800	1.417	53.5	52.6	18.2	20.1	115.6	13.35
37759.79	413	138	1900	1.482	56.1	53.4	16.6	21.3	13.7	13.16
37759.83	413	138	2000	1.670	59.2	49.3	15.3	21.9	0.1	13.12
37759.88	413	138	2100	1.683	57.8	45.4	14.5	22.2	0.2	13.09

37759.92	413	138	2200	1.752	52.0	50.6	13.9	24.0	1.8	13.06
37759.96	413	138	2300	1.830	57.9	46.4	13.8	24.2	6.1	13.03
37760.00	413	138	2400	1.913	54.1	42.2	13.6	24.4	7.4	13.01
37760.04	413	139	100	1.914	50.9	38.9	13.0	24.9	13.2	12.99
37760.08	413	139	200	2.056	44.4	39.9	12.7	23.6	16.1	12.97
37760.13	413	139	300	2.159	46.7	40.7	12.2	22.8	17.7	12.96
37760.17	413	139	400	2.141	46.0	40.0	11.7	23.2	15.7	12.95
37760.21	413	139	500	2.096	47.8	41.3	11.2	23.7	23.0	12.94
37760.25	413	139	600	1.879	47.2	41.6	11.2	24.0	47.0	12.93
37760.29	413	139	700	1.937	51.7	43.0	12.7	23.2	189.2	12.96
37760.33	413	139	800	1.603	50.1	43.2	15.0	22.2	305.3	13.49
37760.38	413	139	900	1.442	46.3	49.3	17.3	21.8	491.6	13.54
37760.42	413	139	1000	1.084	48.0	58.8	19.5	19.9	649.6	13.43
37760.46	413	139	1100	0.804	150.1	91.8	21.1	20.7	812.0	13.35
37760.50	413	139	1200	0.879	152.3	88.9	22.1	22.1	915.0	13.31
37760.54	413	139	1300	0.925	253.4	89.5	23.0	20.4	923.0	13.28
37760.58	413	139	1400	0.859	226.3	96.6	24.6	17.5	865.0	13.25
37760.63	413	139	1500	0.790	211.4	90.5	24.9	16.5	762.0	13.22
37760.67	413	139	1600	0.693	268.3	101.2	25.1	17.2	628.2	13.20
37760.71	413	139	1700	0.595	307.4	90.0	24.2	21.4	461.6	13.23
37760.75	413	139	1800	0.421	291.7	79.6	22.2	25.6	106.1	13.26
37760.79	413	139	1900	0.412	19.1	18.2	17.5	46.8	2.1	13.12
37760.83	413	139	2000	0.656	39.5	18.3	13.6	65.0	0.1	13.07
37760.88	413	139	2100	0.493	45.0	37.5	12.7	61.2	0.2	13.03
37760.92	413	139	2200	0.437	46.3	38.2	11.9	59.2	0.7	13.00
37760.96	413	139	2300	0.485	53.7	41.5	11.5	58.1	5.8	12.97
37761.00	413	139	2400	0.615	68.5	41.8	11.7	54.2	17.0	12.96
37761.04	413	140	100	0.445	50.7	41.4	10.7	57.9	15.1	12.95
37761.08	413	140	200	0.483	64.3	40.6	11.4	51.9	14.4	12.93
37761.13	413	140	300	1.004	52.4	22.6	12.2	46.7	13.8	12.92
37761.17	413	140	400	1.021	53.3	21.4	11.9	48.1	16.0	12.92
37761.21	413	140	500	1.152	43.9	28.7	12.7	42.1	23.0	12.92
37761.25	413	140	600	1.185	36.1	32.5	14.5	35.5	47.6	12.92
37761.29	413	140	700	0.973	34.3	39.5	16.7	33.4	183.2	12.96
37761.33	413	140	800	0.755	30.5	50.2	19.9	29.3	317.2	13.39
37761.38	413	140	900	0.789	27.0	80.0	22.2	26.8	455.3	13.41
37761.42	413	140	1000	0.659	185.0	81.0	23.2	32.2	652.1	13.31
37761.46	413	140	1100	0.615	224.2	91.6	24.4	27.8	822.0	13.26
37761.50	413	140	1200	0.787	166.2	88.4	25.1	26.0	904.0	13.23
37761.54	413	140	1300	0.802	180.8	91.9	25.8	22.1	911.0	13.20
37761.58	413	140	1400	0.714	228.9	91.7	26.0	22.3	855.0	13.19
37761.63	413	140	1500	0.699	213.8	92.7	26.5	21.8	762.0	13.19
37761.67	413	140	1600	0.596	184.6	95.9	26.6	21.5	621.2	13.16
37761.71	413	140	1700	0.544	296.6	84.1	25.8	23.2	435.3	13.18
37761.75	413	140	1800	0.261	286.7	69.0	23.9	29.5	123.2	13.21
37761.79	413	140	1900	0.422	24.1	7.8	19.5	52.1	6.6	13.11
37761.83	413	140	2000	0.629	37.3	18.5	15.7	67.7	0.0	13.06
37761.88	413	140	2100	0.461	30.1	28.8	14.4	65.8	0.2	13.02
37761.92	413	140	2200	0.597	57.0	36.0	14.4	61.6	0.1	12.99
37761.96	413	140	2300	0.773	39.9	20.0	12.8	69.9	0.3	12.97
37762.00	413	140	2400	1.009	49.1	25.2	15.0	57.0	1.8	12.95
37762.04	413	141	100	0.897	44.2	22.4	14.5	59.4	2.6	12.94

37762.08	413	141	200	1.005	52.7	35.1	16.6	46.2	3.7	12.94
37762.13	413	141	300	1.251	47.5	38.0	17.8	39.7	1.2	12.94
37762.17	413	141	400	1.602	51.6	37.9	18.8	36.0	0.3	12.95
37762.21	413	141	500	1.676	40.5	45.9	18.8	36.0	3.9	12.95
37762.25	413	141	600	1.690	42.8	39.6	18.8	36.8	52.2	12.95
37762.29	413	141	700	1.379	38.3	39.9	19.8	36.7	185.2	12.97
37762.33	413	141	800	1.375	47.3	43.4	22.1	33.5	326.5	13.33
37762.38	413	141	900	0.981	49.9	67.6	24.6	31.1	437.6	13.36
37762.42	413	141	1000	0.685	182.1	76.7	25.5	35.2	654.3	13.26
37762.46	413	141	1100	0.706	213.5	83.3	26.3	35.0	809.0	13.21
37762.50	413	141	1200	0.808	193.3	92.0	27.8	30.0	882.0	13.19
37762.54	413	141	1300	0.776	215.9	94.7	28.4	28.1	883.0	13.16
37762.58	413	141	1400	0.860	200.8	90.0	28.8	26.5	849.0	13.15
37762.63	413	141	1500	0.698	178.3	89.1	29.2	25.0	762.0	13.14
37762.67	413	141	1600	0.602	258.2	94.7	29.3	26.3	626.3	13.13
37762.71	413	141	1700	0.512	289.9	94.1	28.7	27.7	469.5	13.14
37762.75	413	141	1800	0.211	303.1	55.1	26.1	36.0	118.6	13.15
37762.79	413	141	1900	0.486	21.2	11.6	21.4	56.3	0.0	13.08
37762.83	413	141	2000	0.619	31.0	13.8	17.6	71.4	0.0	13.04
37762.88	413	141	2100	0.597	37.6	24.5	16.4	72.7	0.1	13.00
37762.92	413	141	2200	0.647	31.0	20.5	15.5	72.9	0.2	12.98
37762.96	413	141	2300	0.608	29.5	22.4	14.8	72.9	0.0	12.96
37763.00	413	141	2400	0.516	49.9	44.4	14.8	70.5	0.1	12.94
37763.04	413	142	100	0.444	74.3	45.1	15.6	64.3	0.1	12.93
37763.08	413	142	200	0.621	51.7	29.2	14.1	70.2	0.8	12.93
37763.13	413	142	300	0.588	37.5	26.6	13.7	70.6	3.1	12.92
37763.17	413	142	400	0.594	43.7	39.2	13.4	72.3	3.9	12.91
37763.21	413	142	500	0.492	49.3	39.9	13.0	75.5	19.4	12.91
37763.25	413	142	600	0.612	49.8	32.6	13.8	74.1	52.1	12.91
37763.29	413	142	700	0.471	55.4	25.7	16.0	74.8	192.3	12.93
37763.33	413	142	800	0.341	71.7	24.6	21.4	60.6	334.1	13.34
37763.38	413	142	900	0.409	178.6	66.8	25.3	39.8	385.5	13.32
37763.42	413	142	1000	0.652	198.6	83.2	26.9	37.9	645.2	13.22
37763.46	413	142	1100	0.638	226.1	84.4	27.8	40.8	817.0	13.18
37763.50	413	142	1200	0.683	194.3	82.0	29.1	34.2	899.0	13.14
37763.54	413	142	1300	0.707	190.8	82.8	29.7	31.4	927.0	13.14
37763.58	413	142	1400	0.697	210.5	86.5	30.2	26.6	861.0	13.13
37763.63	413	142	1500	0.652	219.2	86.2	30.6	24.1	767.0	13.12
37763.67	413	142	1600	0.594	223.9	81.7	30.8	25.1	638.6	13.11
37763.71	413	142	1700	0.410	260.4	81.3	30.2	25.7	478.2	13.12
37763.75	413	142	1800	0.191	323.7	48.6	26.9	34.5	130.1	13.12
37763.79	413	142	1900	0.583	25.0	9.3	21.5	56.0	0.0	13.05
37763.83	413	142	2000	0.667	35.3	12.6	17.9	70.1	0.0	13.02
37763.88	413	142	2100	0.610	31.9	24.6	17.4	67.8	0.0	12.98
37763.92	413	142	2200	0.531	31.8	27.3	17.0	67.8	0.3	12.96
37763.96	413	142	2300	0.494	39.0	31.4	16.6	67.4	-0.1	12.94
37764.00	413	142	2400	0.453	64.6	45.7	16.8	63.3	0.2	12.93
37764.04	413	143	100	0.409	75.5	54.1	16.6	63.1	0.0	12.92
37764.08	413	143	200	0.532	51.1	40.6	16.1	62.2	-0.1	12.92
37764.13	413	143	300	0.569	53.8	39.5	15.8	61.3	0.8	12.92
37764.17	413	143	400	0.538	47.7	32.1	15.0	64.2	0.6	12.91
37764.21	413	143	500	1.014	53.3	26.1	15.9	58.5	8.2	12.90

37764.25	413	143	600	1.047	48.2	32.3	18.0	50.5	50.0	12.91
37764.29	413	143	700	0.767	59.7	35.5	19.9	48.7	191.7	12.94
37764.33	413	143	800	0.594	44.7	54.3	24.1	39.0	345.4	13.29
37764.38	413	143	900	0.492	320.5	95.9	27.2	33.9	372.2	13.29
37764.42	413	143	1000	0.572	225.0	79.5	28.4	39.3	656.9	13.19
37764.46	413	143	1100	0.660	184.0	71.1	29.5	36.1	828.0	13.14
37764.50	413	143	1200	0.705	177.3	83.4	30.8	29.9	905.0	13.13
37764.54	413	143	1300	0.634	223.1	86.8	31.4	25.5	915.0	13.11
37764.58	413	143	1400	0.628	219.6	86.1	32.2	18.1	861.0	13.10
37764.63	413	143	1500	0.613	224.0	89.9	32.5	16.0	769.0	13.10
37764.67	413	143	1600	0.597	300.1	85.3	32.5	18.5	645.6	13.08
37764.71	413	143	1700	0.536	335.4	75.6	31.4	24.7	467.5	13.09
37764.75	413	143	1800	0.324	8.2	62.5	28.9	34.1	149.0	13.11
37764.79	413	143	1900	0.310	16.4	38.9	25.7	49.4	65.9	13.09
37764.83	413	143	2000	0.625	38.8	11.5	20.9	68.8	0.0	13.02
37764.88	413	143	2100	0.633	44.0	10.7	17.8	75.7	0.0	12.99
37764.92	413	143	2200	0.602	32.7	12.8	17.3	73.3	0.1	12.96
37764.96	413	143	2300	0.672	28.6	15.1	16.6	75.3	0.4	12.94
37765.00	413	143	2400	0.498	28.1	17.2	16.6	74.4	0.0	12.92
37765.04	413	144	100	0.528	28.9	17.9	15.9	77.8	0.1	12.91
37765.08	413	144	200	0.470	29.4	17.4	15.6	79.4	0.0	12.91
37765.13	413	144	300	0.513	38.9	22.0	15.5	80.2	0.1	12.90
37765.17	413	144	400	0.454	31.3	19.9	14.7	84.3	0.9	12.90
37765.21	413	144	500	0.426	34.5	21.4	14.1	87.3	8.0	12.89
37765.25	413	144	600	0.428	37.8	19.4	13.9	89.2	48.5	12.89
37765.29	413	144	700	0.238	53.1	47.5	17.0	81.1	177.3	12.92
37765.33	413	144	800	0.346	208.8	71.1	20.6	68.2	335.7	13.32
37765.38	413	144	900	0.511	215.3	85.0	22.8	64.0	324.9	13.33
37765.42	413	144	1000	0.635	206.5	79.7	23.4	61.3	617.2	13.26
37765.46	413	144	1100	0.797	211.3	82.4	23.4	62.2	746.0	13.24
37765.50	413	144	1200	0.721	216.9	92.5	24.0	59.2	742.0	13.22
37765.54	413	144	1300	0.742	168.5	86.8	23.3	59.0	637.9	13.23
37765.58	413	144	1400	0.695	174.2	92.0	24.3	53.9	697.6	13.20
37765.63	413	144	1500	0.608	227.3	91.7	24.0	56.7	478.3	13.21
37765.67	413	144	1600	0.711	271.4	85.3	24.9	51.0	589.5	13.21
37765.71	413	144	1700	0.525	328.4	87.3	24.8	50.9	408.7	13.21
37765.75	413	144	1800	0.478	350.9	89.2	22.7	61.0	140.4	13.24
37765.79	413	144	1900	0.163	352.7	76.3	19.8	75.4	12.7	13.12
37765.83	413	144	2000	0.420	40.3	15.0	17.2	86.8	0.1	13.07
37765.88	413	144	2100	0.468	42.2	16.6	16.0	90.7	0.1	13.03
37765.92	413	144	2200	0.394	34.8	14.0	16.5	90.0	0.3	13.00
37765.96	413	144	2300	0.290	26.0	15.3	16.9	89.4	0.3	12.98
37766.00	413	144	2400	0.214	246.0	63.2	16.4	89.4	0.3	12.97
37766.04	413	145	100	0.267	16.4	87.1	16.0	85.2	-0.1	12.96
37766.08	413	145	200	0.201	19.7	43.1	15.5	87.4	-0.7	12.94
37766.13	413	145	300	0.098	254.0	62.9	15.1	88.1	0.0	12.94
37766.17	413	145	400	0.209	246.3	59.8	14.4	90.3	0.1	12.92
37766.21	413	145	500	0.222	249.2	31.7	13.5	92.2	1.4	12.92
37766.25	413	145	600	0.353	260.9	59.1	12.5	95.1	28.5	12.90
37766.29	413	145	700	0.390	272.9	76.4	11.9	94.3	81.2	13.04
37766.33	413	145	800	0.410	240.0	80.8	13.7	87.7	195.9	13.59
37766.38	413	145	900	0.567	242.5	81.6	15.0	81.3	396.3	13.57

37766.42	413	145	1000	0.727	239.6	97.1	16.6	75.2	527.3	13.46
37766.46	413	145	1100	0.660	184.4	93.5	16.3	75.8	350.2	13.45
37766.50	413	145	1200	0.480	209.4	89.1	16.5	76.0	281.2	13.46
37766.54	413	145	1300	0.483	203.4	85.3	16.3	76.5	292.7	13.49
37766.58	413	145	1400	0.618	191.1	91.7	17.8	72.3	462.3	13.45
37766.63	413	145	1500	0.720	212.4	83.8	19.2	67.3	609.0	13.38
37766.67	413	145	1600	0.697	257.8	97.7	19.6	65.1	497.4	13.35
37766.71	413	145	1700	0.526	283.0	85.1	19.2	67.4	276.6	13.38
37766.75	413	145	1800	0.282	353.0	88.0	18.4	72.9	94.6	13.36
37766.79	413	145	1900	0.201	342.2	83.8	17.2	79.1	15.9	13.18
37766.83	413	145	2000	0.247	28.2	17.1	15.8	85.2	0.4	13.14
37766.88	413	145	2100	0.394	37.8	35.5	15.0	89.3	0.0	13.11
37766.92	413	145	2200	0.343	38.5	25.2	14.9	89.3	-0.1	13.09
37766.96	413	145	2300	0.374	40.8	22.9	13.8	90.5	0.2	13.07
37767.00	413	145	2400	0.489	33.6	12.5	12.3	93.6	1.5	13.05
37767.04	413	146	100	0.490	26.7	17.2	10.7	96.5	10.1	13.03
37767.08	413	146	200	0.452	35.5	24.0	10.3	96.5	17.5	13.02
37767.13	413	146	300	0.280	36.8	27.7	11.1	96.6	14.3	13.00
37767.17	413	146	400	0.139	1.7	64.2	11.9	94.7	15.3	13.00
37767.21	413	146	500	0.092	269.9	80.1	12.2	94.8	19.0	12.99
37767.25	413	146	600	0.336	13.6	91.3	12.2	92.1	46.3	12.98
37767.29	413	146	700	0.307	144.1	91.7	13.0	85.9	177.6	13.07
37767.33	413	146	800	0.475	213.2	80.5	14.9	81.8	358.1	13.49
37767.38	413	146	900	0.540	242.5	85.7	15.8	79.1	349.1	13.49
37767.42	413	146	1000	0.717	180.2	90.4	17.2	71.4	600.3	13.42
37767.46	413	146	1100	0.726	196.9	84.8	18.7	64.5	816.0	13.37
37767.50	413	146	1200	0.751	207.3	92.5	19.7	60.1	831.0	13.33
37767.54	413	146	1300	0.758	201.8	89.7	20.4	57.1	829.0	13.32
37767.58	413	146	1400	0.755	188.7	88.1	21.4	53.6	853.0	13.30
37767.63	413	146	1500	0.764	251.0	90.3	22.0	51.7	702.0	13.28
37767.67	413	146	1600	0.554	238.6	79.1	22.5	48.1	535.1	13.25
37767.71	413	146	1700	0.484	271.1	73.7	22.4	48.5	404.6	13.28
37767.75	413	146	1800	0.258	315.4	85.9	21.5	54.7	136.3	13.31
37767.79	413	146	1900	0.296	15.3	30.8	18.7	70.6	22.0	13.16
37767.83	413	146	2000	0.465	26.9	13.6	15.3	84.1	0.4	13.10
37767.88	413	146	2100	0.615	40.1	13.7	12.8	88.1	0.1	13.07
37767.92	413	146	2200	0.460	36.4	29.1	12.1	83.4	0.8	13.03
37767.96	413	146	2300	0.465	45.7	40.2	12.5	79.1	7.5	13.01
37768.00	413	146	2400	0.590	80.3	42.8	14.0	68.5	12.4	12.99
37768.04	413	147	100	0.449	77.3	44.3	13.8	68.2	15.4	12.98
37768.08	413	147	200	0.624	66.1	34.9	13.2	70.8	15.1	12.97
37768.13	413	147	300	0.850	53.7	31.2	13.7	68.0	17.3	12.96
37768.17	413	147	400	0.920	44.7	30.7	15.3	60.3	17.3	12.96
37768.21	413	147	500	1.052	37.7	32.0	17.3	51.1	26.4	12.95
37768.25	413	147	600	1.089	44.0	38.0	17.9	49.0	58.8	12.95
37768.29	413	147	700	0.783	41.1	78.8	19.9	46.0	206.8	12.97
37768.33	413	147	800	0.522	58.2	59.7	21.9	52.1	394.0	13.31
37768.38	413	147	900	0.869	44.4	92.2	26.5	31.3	310.6	13.29
37768.42	413	147	1000	0.593	237.7	79.3	26.5	39.8	678.9	13.22
37768.46	413	147	1100	0.652	215.0	88.0	28.1	37.8	831.0	13.18
37768.50	413	147	1200	0.595	286.0	94.7	29.4	30.9	912.0	13.14
37768.54	413	147	1300	0.622	232.5	85.2	30.6	28.8	932.0	13.14

37768.58	413	147	1400	0.662	251.4	93.1	31.5	27.7	863.0	13.12
37768.63	413	147	1500	0.588	241.2	88.1	32.1	25.2	768.0	13.12
37768.67	413	147	1600	0.531	353.0	94.0	31.6	25.4	599.5	13.12
37768.71	413	147	1700	0.429	240.1	94.9	30.9	29.3	478.0	13.12
37768.75	413	147	1800	0.215	346.1	60.4	28.2	35.8	125.8	13.12
37768.79	413	147	1900	0.417	19.2	30.3	23.1	56.8	0.0	13.05
37768.83	413	147	2000	0.667	35.0	12.6	19.1	74.1	0.0	13.02
37768.88	413	147	2100	0.624	44.2	13.1	17.3	80.1	0.0	12.99
37768.92	413	147	2200	0.580	44.8	15.5	16.6	80.1	0.3	12.97
37768.96	413	147	2300	0.538	36.2	11.6	15.4	82.4	-0.1	12.95
37769.00	413	147	2400	0.585	40.1	10.6	14.3	86.0	0.0	12.93
37769.04	413	148	100	0.531	30.4	20.7	14.5	84.3	0.3	12.92
37769.08	413	148	200	0.534	32.9	17.7	13.9	87.1	1.7	12.91
37769.13	413	148	300	0.521	28.5	17.3	13.8	87.0	5.5	12.90
37769.17	413	148	400	0.714	41.9	17.9	13.2	88.6	6.5	12.90
37769.21	413	148	500	0.550	42.8	23.2	13.4	85.6	25.9	12.89
37769.25	413	148	600	0.651	46.6	22.6	14.2	83.2	55.3	12.89
37769.29	413	148	700	0.437	52.7	23.9	16.9	80.1	161.5	12.93
37769.33	413	148	800	0.231	77.2	28.4	22.5	64.6	379.8	13.33
37769.38	413	148	900	0.362	209.3	55.4	25.7	44.7	309.0	13.28
37769.42	413	148	1000	0.658	227.2	56.7	27.4	38.3	637.6	13.19
37769.46	413	148	1100	0.702	211.4	68.9	28.8	37.0	822.0	13.15
37769.50	413	148	1200	0.622	230.5	81.8	29.5	34.8	910.0	13.13
37769.54	413	148	1300	0.632	220.9	91.2	30.6	32.8	935.0	13.11
37769.58	413	148	1400	0.414	228.9	100.6	30.2	34.1	641.8	13.11
37769.63	413	148	1500	0.473	279.0	77.7	30.0	33.8	643.5	13.11
37769.67	413	148	1600	0.265	346.7	68.1	29.2	40.1	354.0	13.12
37769.71	413	148	1700	0.246	278.3	71.2	28.6	47.3	297.7	13.14
37769.75	413	148	1800	0.411	31.4	20.6	25.5	69.3	107.2	13.18
37769.79	413	148	1900	0.529	42.2	12.6	22.7	77.5	47.0	13.10
37769.83	413	148	2000	0.590	39.9	8.6	19.7	82.5	0.3	13.04
37769.88	413	148	2100	0.596	45.7	10.1	17.9	84.7	0.0	13.01
37769.92	413	148	2200	0.560	49.1	12.5	17.1	82.6	0.2	12.98
37769.96	413	148	2300	0.623	39.1	16.6	16.4	82.9	0.4	12.96
37770.00	413	148	2400	0.712	31.6	12.9	15.7	80.9	-0.2	12.94
37770.04	413	149	100	0.712	26.3	17.6	15.3	75.0	0.1	12.92
37770.08	413	149	200	0.640	28.6	17.8	15.5	72.7	0.0	12.91
37770.13	413	149	300	0.695	29.4	17.5	15.0	73.6	0.9	12.91
37770.17	413	149	400	0.504	41.7	36.5	15.2	68.2	0.4	12.90
37770.21	413	149	500	0.349	46.5	40.1	15.5	65.4	8.4	12.90
37770.25	413	149	600	0.473	43.4	36.3	15.9	65.9	47.2	12.90
37770.29	413	149	700	0.623	48.1	26.4	17.5	74.2	159.1	13.05
37770.33	413	149	800	0.527	54.1	23.1	22.0	70.3	288.4	13.42
37770.38	413	149	900	0.338	87.0	88.6	27.1	50.7	308.5	13.32
37770.42	413	149	1000	0.358	215.2	72.3	29.1	37.6	578.5	13.21
37770.46	413	149	1100	0.482	186.6	78.0	29.2	32.5	646.6	13.16
37770.50	413	149	1200	0.639	207.0	87.3	29.4	32.1	744.0	13.14
37770.54	413	149	1300	0.414	261.4	95.1	28.7	37.5	481.9	13.14
37770.58	413	149	1400	0.315	264.2	89.3	27.6	45.3	368.2	13.15
37770.63	413	149	1500	0.344	321.1	82.7	26.1	57.3	206.4	13.20
37770.67	413	149	1600	0.339	326.3	80.9	25.2	63.6	200.0	13.26
37770.71	413	149	1700	0.357	358.0	77.9	25.2	62.1	298.9	13.31

37770.75	413	149	1800	0.465	358.2	78.0	25.9	47.1	173.5	13.30
37770.79	413	149	1900	0.381	17.7	41.2	22.1	59.3	15.1	13.15
37770.83	413	149	2000	0.541	33.0	13.2	18.6	77.4	0.3	13.09
37770.88	413	149	2100	0.562	34.2	18.9	16.3	81.7	0.1	13.04
37770.92	413	149	2200	0.500	41.2	37.4	16.2	78.2	0.2	13.01
37770.96	413	149	2300	0.393	31.5	28.6	15.6	79.3	0.1	12.99
37771.00	413	149	2400	0.332	29.2	25.3	14.1	84.4	0.0	12.97
37771.04	413	150	100	0.256	16.4	62.4	13.5	85.4	0.4	12.95
37771.08	413	150	200	0.249	358.2	64.1	11.9	90.1	2.0	12.93
37771.13	413	150	300	0.290	20.2	38.9	10.5	93.0	10.5	12.92
37771.17	413	150	400	0.320	42.0	66.1	10.0	95.4	16.5	12.90
37771.21	413	150	500	0.249	303.8	71.7	10.1	95.2	25.0	12.89
37771.25	413	150	600	0.110	9.6	42.2	10.9	93.8	45.8	12.90
37771.29	413	150	700	0.357	251.4	89.9	11.2	93.3	42.0	12.89
37771.33	413	150	800	0.271	276.6	97.3	10.3	98.4	43.8	12.91
37771.38	413	150	900	0.355	322.0	95.1	10.8	98.8	135.6	13.40
37771.42	413	150	1000	0.616	223.5	57.0	12.9	89.6	539.6	13.63
37771.46	413	150	1100	0.674	185.9	83.9	15.5	77.9	834.0	13.46
37771.50	413	150	1200	0.733	228.0	85.8	17.8	69.6	903.0	13.39
37771.54	413	150	1300	0.725	205.9	84.7	19.2	62.1	918.0	13.34
37771.58	413	150	1400	0.718	200.7	79.3	21.1	54.7	845.0	13.31
37771.63	413	150	1500	0.725	242.5	82.1	22.8	51.4	761.0	13.27
37771.67	413	150	1600	0.711	257.7	75.6	22.6	54.9	625.8	13.24
37771.71	413	150	1700	0.533	265.4	82.1	22.0	57.3	466.2	13.25
37771.75	413	150	1800	0.313	300.4	68.0	20.7	63.0	115.1	13.26
37771.79	413	150	1900	0.258	358.5	51.7	18.1	77.6	2.4	13.13
37771.83	413	150	2000	0.412	32.6	13.3	15.4	88.4	0.5	13.08
37771.88	413	150	2100	0.530	40.3	15.7	14.0	93.4	0.1	13.04
37771.92	413	150	2200	0.532	44.5	21.7	13.8	91.8	0.4	13.01
37771.96	413	150	2300	0.503	42.4	17.0	13.0	92.3	1.3	12.98
37772.00	413	150	2400	0.537	48.9	22.7	12.7	90.6	6.4	12.96
37772.04	413	151	100	0.488	40.9	15.1	11.7	92.0	12.7	12.94
37772.08	413	151	200	0.528	39.5	19.1	11.5	89.7	18.2	12.92
37772.13	413	151	300	0.587	47.0	32.5	11.9	85.1	17.6	12.91
37772.17	413	151	400	0.551	39.9	17.4	10.7	90.7	15.3	12.90
37772.21	413	151	500	0.501	39.5	21.7	10.6	89.3	25.3	12.89
37772.25	413	151	600	0.451	44.2	16.6	10.8	91.2	42.5	12.88
37772.29	413	151	700	0.305	64.1	25.3	14.8	82.2	200.9	12.98
37772.33	413	151	800	0.289	141.5	65.9	19.3	66.6	408.0	13.37
37772.38	413	151	900	0.526	208.5	69.7	21.8	55.8	247.6	13.34
37772.42	413	151	1000	0.591	197.4	78.0	23.2	49.5	637.9	13.27
37772.46	413	151	1100	0.630	220.1	88.0	24.1	47.2	786.0	13.24
37772.50	413	151	1200	0.668	157.8	86.3	25.1	45.8	896.0	13.20
37772.54	413	151	1300	0.658	238.5	91.3	25.6	42.3	905.0	13.19
37772.58	413	151	1400	0.654	263.2	87.2	26.7	33.7	863.0	13.18
37772.63	413	151	1500	0.608	269.5	88.0	27.5	22.2	770.0	13.15
37772.67	413	151	1600	0.566	252.5	88.8	27.8	21.5	643.2	13.14
37772.71	413	151	1700	0.483	301.0	80.5	27.2	23.3	476.8	13.15
37772.75	413	151	1800	0.253	341.4	57.1	24.7	31.7	126.8	13.17
37772.79	413	151	1900	0.562	26.0	11.2	20.1	55.1	3.3	13.08
37772.83	413	151	2000	0.630	41.6	15.6	16.2	69.9	0.0	13.03
37772.88	413	151	2100	0.597	29.6	17.6	14.7	68.9	0.3	13.00

37772.92	413	151	2200	0.563	33.9	27.3	14.7	64.6	0.0	12.97
37772.96	413	151	2300	0.480	51.9	36.8	14.7	65.0	0.1	12.94
37773.00	413	151	2400	0.699	43.3	20.8	13.7	68.5	0.4	12.93
37773.04	413	152	100	0.901	49.9	18.0	13.5	67.3	3.5	12.91
37773.08	413	152	200	1.024	52.8	34.8	17.2	46.3	4.2	12.91
37773.13	413	152	300	1.204	53.5	36.9	19.1	38.0	1.2	12.91
37773.17	413	152	400	1.331	50.4	39.5	19.2	37.1	0.4	12.92
37773.21	413	152	500	1.323	53.5	39.2	19.1	36.8	4.0	12.92
37773.25	413	152	600	1.336	55.0	40.2	19.2	35.2	59.3	12.92
37773.29	413	152	700	1.437	57.2	39.6	20.4	34.7	207.2	12.96
37773.33	413	152	800	1.195	50.2	42.3	22.4	33.2	416.3	13.31
37773.38	413	152	900	0.908	44.6	47.8	25.1	30.8	247.7	13.31
37773.42	413	152	1000	0.684	51.7	77.7	27.2	27.0	662.9	13.22
37773.46	413	152	1100	0.621	183.8	92.4	27.5	32.6	795.0	13.18
37773.50	413	152	1200	0.614	182.5	86.7	28.7	29.6	876.0	13.14
37773.54	413	152	1300	0.661	176.2	90.3	29.5	27.7	879.0	13.14
37773.58	413	152	1400	0.867	166.2	78.7	29.9	27.0	856.0	13.13
37773.63	413	152	1500	0.674	199.7	83.4	29.9	25.9	680.0	13.12
37773.67	413	152	1600	0.559	217.8	75.2	30.1	22.5	619.2	13.11
37773.71	413	152	1700	0.404	257.6	80.9	29.2	28.5	467.8	13.12
37773.75	413	152	1800	0.202	337.1	56.1	26.4	37.2	138.7	13.14
37773.79	413	152	1900	0.566	23.4	8.6	21.7	58.8	8.1	13.06
37773.83	413	152	2000	0.688	24.8	10.2	17.8	70.8	0.0	13.02
37773.88	413	152	2100	0.568	31.8	31.2	16.5	64.9	0.1	12.98
37773.92	413	152	2200	0.572	36.5	29.7	16.0	62.1	-0.1	12.96
37773.96	413	152	2300	0.619	38.3	23.5	15.6	62.6	0.1	12.93
37774.00	413	152	2400	0.977	47.9	25.7	17.3	51.8	0.0	12.92
37774.04	413	153	100	1.109	47.1	36.9	20.7	35.4	0.1	12.91
37774.08	413	153	200	1.565	52.5	42.7	21.6	32.4	-0.3	12.92
37774.13	413	153	300	1.726	51.6	45.1	21.2	30.5	0.2	12.93
37774.17	413	153	400	1.547	52.3	43.2	20.6	31.1	-0.2	12.92
37774.21	413	153	500	1.469	54.8	46.6	20.8	29.7	0.3	12.92
37774.25	413	153	600	1.753	56.4	51.2	20.9	30.3	56.7	12.92
37774.29	413	153	700	2.037	55.4	49.0	21.2	33.4	216.9	12.94
37774.33	413	153	800	1.819	53.3	49.3	22.7	33.0	426.9	13.29
37774.38	413	153	900	1.788	49.2	50.4	24.8	29.0	239.8	13.32
37774.42	413	153	1000	1.609	47.2	55.8	26.8	23.2	678.2	13.26
37774.46	413	153	1100	1.147	47.4	64.8	29.3	21.1	819.0	13.20
37774.50	413	153	1200	1.070	32.7	64.9	30.4	22.4	955.0	13.15
37774.54	413	153	1300	0.941	67.2	58.0	32.2	20.3	954.0	13.13
37774.58	413	153	1400	1.217	56.5	59.3	33.1	21.0	867.0	13.11
37774.63	413	153	1500	1.238	57.3	59.3	33.4	20.2	775.0	13.10
37774.67	413	153	1600	1.169	56.4	64.3	33.2	18.9	651.1	13.09
37774.71	413	153	1700	1.020	46.8	60.5	32.6	18.1	485.1	13.10
37774.75	413	153	1800	0.897	47.0	56.0	31.0	18.0	153.4	13.11
37774.79	413	153	1900	0.539	37.2	44.4	27.4	24.3	6.1	13.04
37774.83	413	153	2000	0.733	38.5	18.8	21.4	48.2	0.0	13.02
37774.88	413	153	2100	0.776	43.9	20.5	17.8	61.8	0.0	12.98
37774.92	413	153	2200	1.005	48.6	40.7	23.2	33.2	0.4	12.95
37774.96	413	153	2300	1.351	52.1	38.1	25.6	24.4	0.4	12.95
37775.00	413	153	2400	1.452	51.6	40.0	25.3	22.7	0.1	12.95
37775.04	413	154	100	1.418	52.9	41.2	25.1	22.3	0.0	12.94

37775.08	413	154	200	1.594	49.8	41.8	25.3	22.9	0.1	12.94
37775.13	413	154	300	1.462	53.6	37.4	24.8	23.6	0.1	12.94
37775.17	413	154	400	1.433	53.4	40.0	24.3	23.3	0.1	12.93
37775.21	413	154	500	1.485	46.9	39.3	23.9	22.9	0.5	12.92
37775.25	413	154	600	1.585	40.4	44.8	23.5	24.9	47.3	12.92
37775.29	413	154	700	1.473	37.2	45.9	24.2	26.0	224.2	12.94
37775.33	413	154	800	1.579	43.5	43.9	26.2	24.0	433.1	13.22
37775.38	413	154	900	1.337	48.4	47.5	28.7	22.3	235.6	13.23
37775.42	413	154	1000	0.741	33.5	93.5	30.6	22.6	685.0	13.16
37775.46	413	154	1100	0.645	204.6	93.4	31.1	26.1	834.0	13.12
37775.50	413	154	1200	0.614	182.4	86.8	32.0	22.3	941.0	13.10
37775.54	413	154	1300	0.665	220.4	88.9	32.7	22.3	951.0	13.09
37775.58	413	154	1400	0.598	181.4	88.0	33.7	20.0	881.0	13.08
37775.63	413	154	1500	0.702	76.3	84.8	34.4	18.6	780.0	13.06
37775.67	413	154	1600	0.682	138.6	93.8	34.2	17.0	663.2	13.06
37775.71	413	154	1700	0.385	305.4	76.2	32.4	24.3	498.0	13.06
37775.75	413	154	1800	0.275	343.9	48.2	28.4	36.9	153.8	13.08
37775.79	413	154	1900	0.595	25.6	8.3	23.3	56.0	7.4	13.01
37775.83	413	154	2000	0.722	43.4	14.0	19.5	67.7	0.0	12.97
37775.88	413	154	2100	0.666	31.4	18.7	18.2	61.3	0.0	12.95
37775.92	413	154	2200	0.450	33.2	33.3	18.4	54.4	0.4	12.92
37775.96	413	154	2300	0.546	31.1	28.0	18.0	55.2	0.0	12.91
37776.00	413	154	2400	0.476	36.6	32.8	17.4	55.2	-0.2	12.90
37776.04	413	155	100	0.543	38.6	28.4	17.4	53.8	-0.3	12.89
37776.08	413	155	200	0.523	34.0	20.1	15.8	61.1	0.2	12.89
37776.13	413	155	300	0.511	31.9	26.2	15.6	64.4	0.5	12.88
37776.17	413	155	400	0.770	34.1	33.8	16.9	55.0	2.7	12.87
37776.21	413	155	500	1.183	39.5	49.8	22.4	29.4	6.0	12.88
37776.25	413	155	600	1.360	46.2	42.7	22.7	28.8	67.8	12.89
37776.29	413	155	700	1.495	51.8	45.0	24.4	27.2	225.0	12.92
37776.33	413	155	800	1.373	54.8	46.5	26.3	25.6	433.2	13.20
37776.38	413	155	900	1.126	40.9	56.6	28.5	22.5	228.8	13.22
37776.42	413	155	1000	0.807	0.8	81.6	30.5	20.3	676.0	13.15
37776.46	413	155	1100	0.974	27.6	69.6	31.8	20.0	814.0	13.12
37776.50	413	155	1200	1.105	58.0	57.6	32.8	20.3	937.0	13.10
37776.54	413	155	1300	1.181	50.4	61.8	33.4	19.5	945.0	13.09
37776.58	413	155	1400	0.993	52.4	63.1	34.3	18.0	875.0	13.08
37776.63	413	155	1500	1.100	54.6	60.2	34.4	16.2	784.0	13.06
37776.67	413	155	1600	1.005	43.2	58.2	34.3	14.9	667.6	13.06
37776.71	413	155	1700	0.960	46.9	59.8	33.5	15.4	497.7	13.07
37776.75	413	155	1800	0.763	31.6	52.5	31.3	18.6	169.0	13.08
37776.79	413	155	1900	0.568	32.2	34.7	27.6	23.9	7.4	13.02
37776.83	413	155	2000	0.668	34.0	26.5	23.3	32.5	0.0	12.98
37776.88	413	155	2100	0.696	38.7	27.7	20.0	43.4	0.0	12.96
37776.92	413	155	2200	1.170	48.5	54.7	25.2	20.7	0.1	12.93
37776.96	413	155	2300	1.396	59.3	42.6	26.6	17.3	0.1	12.92
37777.00	413	155	2400	1.452	56.9	42.7	25.9	18.3	0.0	12.92
37777.04	413	156	100	1.510	55.7	44.7	25.6	18.2	0.0	12.91
37777.08	413	156	200	1.213	50.8	48.0	25.2	18.4	0.0	12.91
37777.13	413	156	300	0.821	37.4	80.8	24.3	19.8	0.2	12.91
37777.17	413	156	400	1.089	42.5	51.5	24.3	19.1	0.1	12.90
37777.21	413	156	500	1.308	47.6	42.8	23.7	19.9	0.3	12.89

37777.25	413	156	600	1.415	41.6	48.7	23.4	21.7	55.1	12.89
37777.29	413	156	700	1.358	41.1	49.7	23.9	23.3	220.7	12.91
37777.33	413	156	800	1.288	44.9	57.0	25.5	22.7	420.5	13.20
37777.38	413	156	900	1.014	38.0	54.3	27.6	22.9	236.1	13.23
37777.42	413	156	1000	0.696	194.4	101.0	29.2	25.0	645.5	13.16
37777.46	413	156	1100	0.588	210.0	88.6	30.0	25.8	825.0	13.13
37777.50	413	156	1200	0.726	150.3	83.3	31.2	21.0	937.0	13.11
37777.54	413	156	1300	0.591	164.5	88.8	32.1	20.6	950.0	13.09
37777.58	413	156	1400	0.591	202.1	95.2	32.8	20.8	869.0	13.08
37777.63	413	156	1500	0.680	181.1	90.6	33.0	20.8	771.0	13.06
37777.67	413	156	1600	0.621	191.2	95.2	32.9	23.4	648.3	13.05
37777.71	413	156	1700	0.365	343.6	83.0	32.0	25.8	481.6	13.06
37777.75	413	156	1800	0.237	339.4	46.9	28.1	40.4	165.7	13.08
37777.79	413	156	1900	0.568	26.3	7.6	23.5	58.2	6.2	13.02
37777.83	413	156	2000	0.680	40.2	13.8	19.6	71.0	0.0	12.98
37777.88	413	156	2100	0.709	38.7	17.8	18.1	67.6	0.0	12.95
37777.92	413	156	2200	0.655	28.8	19.6	17.2	61.9	0.4	12.92
37777.96	413	156	2300	0.528	33.4	12.6	16.3	64.6	0.2	12.90
37778.00	413	156	2400	0.484	34.6	11.9	15.2	71.9	-0.2	12.88
37778.04	413	157	100	0.488	35.0	10.3	14.3	76.9	0.8	12.87
37778.08	413	157	200	0.515	38.5	11.4	13.7	78.8	2.8	12.86
37778.13	413	157	300	0.529	36.1	13.4	13.0	81.0	10.0	12.85
37778.17	413	157	400	0.522	38.9	12.5	12.1	82.9	15.4	12.85
37778.21	413	157	500	0.571	35.4	15.0	11.4	84.8	30.2	12.84
37778.25	413	157	600	0.555	33.2	9.8	11.8	84.3	69.8	12.84
37778.29	413	157	700	0.439	54.2	20.3	15.5	78.7	213.2	12.87
37778.33	413	157	800	0.356	152.5	81.1	21.0	66.5	416.6	13.26
37778.38	413	157	900	0.526	220.7	66.9	23.2	61.1	214.2	13.29
37778.42	413	157	1000	0.722	235.9	68.3	24.4	60.6	642.4	13.22
37778.46	413	157	1100	0.609	219.4	72.9	25.6	58.9	805.0	13.19
37778.50	413	157	1200	0.639	235.0	82.9	26.9	55.9	881.0	13.16
37778.54	413	157	1300	0.648	222.6	84.2	28.1	52.7	884.0	13.14
37778.58	413	157	1400	0.646	222.5	77.1	29.1	47.8	854.0	13.13
37778.63	413	157	1500	0.663	234.7	72.6	29.6	44.2	765.0	13.11
37778.67	413	157	1600	0.575	247.6	77.8	29.8	40.6	639.5	13.10
37778.71	413	157	1700	0.495	279.9	75.5	29.4	44.5	474.3	13.10
37778.75	413	157	1800	0.318	328.7	69.7	27.1	54.2	165.7	13.12
37778.79	413	157	1900	0.285	4.8	42.4	23.7	68.7	7.0	13.03
37778.83	413	157	2000	0.427	29.4	14.9	20.3	83.2	0.0	13.01
37778.88	413	157	2100	0.577	48.6	11.6	18.0	89.2	0.1	12.97
37778.92	413	157	2200	0.445	33.9	20.2	17.4	89.3	-0.5	12.95
37778.96	413	157	2300	0.498	37.3	19.8	16.7	89.3	-0.4	12.92
37779.00	413	157	2400	0.472	28.1	12.0	15.4	91.9	0.1	12.90
37779.04	413	158	100	0.466	40.5	12.9	14.5	92.6	0.8	12.89
37779.08	413	158	200	0.470	32.3	18.2	14.0	92.3	4.5	12.88
37779.13	413	158	300	0.421	32.1	13.3	13.4	92.5	7.1	12.87
37779.17	413	158	400	0.469	30.6	10.9	12.8	92.9	15.7	12.86
37779.21	413	158	500	0.490	31.6	15.3	12.4	93.0	30.7	12.86
37779.25	413	158	600	0.501	36.7	15.0	12.7	92.5	64.4	12.85
37779.29	413	158	700	0.252	55.1	29.9	16.5	84.6	197.0	12.89
37779.33	413	158	800	0.272	222.9	47.0	20.2	74.1	400.1	13.27
37779.38	413	158	900	0.560	231.2	69.6	22.0	71.6	225.9	13.30

37779.42	413	158	1000	0.528	223.1	73.3	23.4	67.2	621.5	13.25
37779.46	413	158	1100	0.728	223.2	75.0	24.5	63.7	799.0	13.21
37779.50	413	158	1200	0.659	219.1	82.4	25.8	59.4	875.0	13.18
37779.54	413	158	1300	0.665	237.4	78.2	27.1	57.0	880.0	13.16
37779.58	413	158	1400	0.615	269.5	88.7	28.3	53.0	842.0	13.14
37779.63	413	158	1500	0.542	231.5	84.1	28.9	50.4	760.0	13.13
37779.67	413	158	1600	0.539	229.8	70.2	29.1	49.8	625.7	13.11
37779.71	413	158	1700	0.458	247.6	76.8	28.9	50.3	468.5	13.12
37779.75	413	158	1800	0.257	333.7	64.4	26.6	60.6	163.3	13.13
37779.79	413	158	1900	0.215	5.3	29.1	23.8	72.4	23.7	13.06
37779.83	413	158	2000	0.356	30.8	11.5	20.7	85.1	0.0	13.02
37779.88	413	158	2100	0.595	52.3	14.0	18.6	90.2	0.1	12.99
37779.92	413	158	2200	0.461	42.7	17.9	17.8	91.2	-1.2	12.96
37779.96	413	158	2300	0.461	35.6	13.9	17.2	92.2	-0.1	12.94
37780.00	413	158	2400	0.407	34.2	10.2	16.1	95.2	0.1	12.92
37780.04	413	159	100	0.374	37.7	10.3	15.4	96.3	0.5	12.91
37780.08	413	159	200	0.531	30.8	15.4	14.9	96.6	1.3	12.89
37780.13	413	159	300	0.478	31.3	11.3	14.6	96.6	3.4	12.88
37780.17	413	159	400	0.416	32.4	11.4	14.0	96.7	8.4	12.87
37780.21	413	159	500	0.499	33.0	13.7	13.6	97.6	25.2	12.87
37780.25	413	159	600	0.454	38.4	12.5	13.9	97.6	66.1	12.86
37780.29	413	159	700	0.293	58.8	52.7	17.4	88.9	195.2	12.91
37780.33	413	159	800	0.362	229.1	50.2	21.0	78.2	394.2	13.27
37780.38	413	159	900	0.604	201.2	71.5	22.9	72.3	234.5	13.29
37780.42	413	159	1000	0.578	222.1	89.2	24.4	67.0	586.7	13.23
37780.46	413	159	1100	0.675	216.2	83.8	25.5	62.1	788.0	13.19
37780.50	413	159	1200	0.676	212.9	79.6	26.3	60.0	876.0	13.17
37780.54	413	159	1300	0.730	235.6	82.8	26.9	58.7	881.0	13.15
37780.58	413	159	1400	0.650	244.7	88.1	28.0	53.6	846.0	13.14
37780.63	413	159	1500	0.656	278.5	91.4	28.8	49.9	763.0	13.13
37780.67	413	159	1600	0.560	268.4	82.1	29.1	46.6	639.1	13.11
37780.71	413	159	1700	0.318	346.1	61.3	26.7	59.3	231.2	13.14
37780.75	413	159	1800	0.292	326.9	73.0	26.4	60.4	165.9	13.16
37780.79	413	159	1900	0.239	8.5	43.3	24.2	71.2	18.6	13.07
37780.83	413	159	2000	0.389	29.4	11.8	21.6	84.0	1.9	13.02
37780.88	413	159	2100	0.531	37.7	14.8	19.4	90.5	0.0	13.00
37780.92	413	159	2200	0.421	39.0	11.9	18.2	92.2	-0.6	12.97
37780.96	413	159	2300	0.465	35.1	15.7	17.4	93.5	-0.8	12.95
37781.00	413	159	2400	0.509	41.3	16.8	16.7	94.5	-0.2	12.93
37781.04	413	160	100	0.489	36.7	16.6	16.5	94.8	0.2	12.92
37781.08	413	160	200	0.473	42.2	10.7	15.8	96.0	0.2	12.91
37781.13	413	160	300	0.439	33.5	21.4	15.7	96.6	1.8	12.89
37781.17	413	160	400	0.452	31.4	22.3	15.6	95.0	1.2	12.88
37781.21	413	160	500	0.272	30.3	41.8	15.4	94.3	19.8	12.88
37781.25	413	160	600	0.259	32.9	24.7	16.5	92.1	43.7	12.87
37781.29	413	160	700	0.212	35.5	82.1	18.8	86.8	177.3	12.92
37781.33	413	160	800	0.297	241.1	60.0	21.0	78.4	221.8	13.36
37781.38	413	160	900	0.421	236.3	66.3	22.1	73.4	322.7	13.37
37781.42	413	160	1000	0.575	197.4	80.6	24.0	67.5	585.8	13.28
37781.46	413	160	1100	0.605	186.9	87.4	25.6	59.9	792.0	13.22
37781.50	413	160	1200	0.677	227.9	97.5	26.3	55.0	874.0	13.18
37781.54	413	160	1300	0.743	210.3	97.5	27.1	51.0	876.0	13.17

37781.58	413	160	1400	0.773	280.4	98.2	27.6	45.5	738.0	13.16
37781.63	413	160	1500	0.712	320.0	92.1	28.4	39.6	702.0	13.14
37781.67	413	160	1600	0.818	339.0	70.4	28.6	34.2	640.3	13.14
37781.71	413	160	1700	0.681	341.9	78.8	27.5	33.2	476.6	13.14
37781.75	413	160	1800	0.576	338.3	63.7	25.6	37.2	156.5	13.16
37781.79	413	160	1900	0.298	12.1	38.6	22.1	53.0	13.8	13.07
37781.83	413	160	2000	0.469	32.3	14.4	18.3	72.9	0.5	13.02
37781.88	413	160	2100	0.509	39.7	14.7	16.0	80.6	-0.1	12.99
37781.92	413	160	2200	0.483	44.2	16.0	15.2	81.8	-0.1	12.96
37781.96	413	160	2300	0.492	21.2	21.3	14.7	82.4	0.6	12.94
37782.00	413	160	2400	0.525	45.2	17.7	14.2	86.3	4.0	12.92
37782.04	413	161	100	0.508	36.7	14.5	13.5	88.6	9.8	12.90
37782.08	413	161	200	0.481	26.7	14.6	12.9	90.5	16.6	12.89
37782.13	413	161	300	0.352	28.2	13.3	13.5	88.3	20.1	12.89
37782.17	413	161	400	0.329	35.6	12.1	13.4	88.7	19.8	12.88
37782.21	413	161	500	0.308	22.8	11.4	13.9	87.0	28.8	12.88
37782.25	413	161	600	0.265	7.8	69.4	14.4	86.7	42.0	12.88
37782.29	413	161	700	0.272	226.2	39.2	15.6	80.0	164.3	12.94
37782.33	413	161	800	0.434	220.3	72.0	17.8	67.1	369.1	13.33
37782.38	413	161	900	0.520	221.0	79.8	18.7	61.6	288.2	13.38
37782.42	413	161	1000	0.567	183.5	88.5	19.9	59.9	524.5	13.33
37782.46	413	161	1100	0.764	181.9	95.9	21.2	56.9	797.0	13.30
37782.50	413	161	1200	0.758	245.2	84.2	22.4	50.2	908.0	13.26
37782.54	413	161	1300	0.774	202.4	89.4	23.4	43.9	923.0	13.24
37782.58	413	161	1400	0.665	213.7	89.4	24.2	39.8	864.0	13.23
37782.63	413	161	1500	0.756	234.0	81.0	24.8	37.8	775.0	13.19
37782.67	413	161	1600	0.634	292.1	92.8	25.1	40.3	645.7	13.18
37782.71	413	161	1700	0.671	288.7	81.7	24.3	46.6	475.5	13.19
37782.75	413	161	1800	0.443	342.5	82.5	22.6	52.5	169.7	13.21
37782.79	413	161	1900	0.335	1.7	51.5	20.3	62.1	16.5	13.10
37782.83	413	161	2000	0.332	25.2	18.9	17.1	76.8	1.3	13.05
37782.88	413	161	2100	0.414	38.3	15.2	14.8	85.9	-0.5	13.01
37782.92	413	161	2200	0.423	35.7	18.5	13.8	87.6	0.5	12.98
37782.96	413	161	2300	0.485	31.5	21.9	12.5	90.9	5.9	12.96
37783.00	413	161	2400	0.414	19.5	17.4	11.7	93.1	16.3	12.94
37783.04	413	162	100	0.393	18.5	10.8	10.9	94.7	15.8	12.92
37783.08	413	162	200	0.416	25.2	11.7	10.2	95.9	8.6	12.90
37783.13	413	162	300	0.395	33.1	10.9	9.9	96.2	3.5	12.88
37783.17	413	162	400	0.398	36.2	13.3	9.7	96.3	0.8	12.87
37783.21	413	162	500	0.400	34.7	14.5	9.5	96.7	10.1	12.86
37783.25	413	162	600	0.381	44.1	15.2	10.1	96.1	66.4	12.85
37783.29	413	162	700	0.267	68.9	26.2	13.8	84.4	204.6	12.91
37783.33	413	162	800	0.386	173.2	79.1	17.3	70.0	399.3	13.36
37783.38	413	162	900	0.531	178.2	84.5	18.7	68.0	206.0	13.39
37783.42	413	162	1000	0.666	207.6	87.2	19.9	65.6	644.9	13.32
37783.46	413	162	1100	0.647	198.1	80.2	21.4	59.5	801.0	13.29
37783.50	413	162	1200	0.893	223.9	78.3	22.0	54.8	876.0	13.27
37783.54	413	162	1300	0.796	180.9	94.3	23.0	52.0	901.0	13.25
37783.58	413	162	1400	0.731	254.4	91.4	23.7	47.0	842.0	13.24
37783.63	413	162	1500	0.658	194.3	94.0	24.3	45.3	763.0	13.22
37783.67	413	162	1600	0.597	19.5	100.2	24.6	44.8	631.3	13.19
37783.71	413	162	1700	0.613	291.8	83.8	24.1	45.7	467.8	13.20

37783.75	413	162	1800	0.532	354.6	73.0	22.6	50.1	169.4	13.23
37783.79	413	162	1900	0.314	4.5	52.9	20.1	59.7	17.9	13.11
37783.83	413	162	2000	0.418	34.8	13.4	16.4	77.1	1.1	13.06
37783.88	413	162	2100	0.445	43.7	15.6	14.5	83.9	-0.3	13.02
37783.92	413	162	2200	0.386	36.0	17.0	14.0	84.5	1.0	12.99
37783.96	413	162	2300	0.419	36.5	16.3	13.5	86.8	6.9	12.97
37784.00	413	162	2400	0.349	31.2	20.9	13.6	86.6	12.5	12.95
37784.04	413	163	100	0.327	33.5	30.8	13.5	86.7	15.9	12.94
37784.08	413	163	200	0.191	34.9	23.7	14.0	83.7	17.2	12.93
37784.13	413	163	300	0.189	23.7	16.4	14.2	83.3	17.9	12.92
37784.17	413	163	400	0.166	10.5	38.7	14.1	85.7	19.4	12.91
37784.21	413	163	500	0.252	35.7	22.3	12.6	91.5	29.7	12.90
37784.25	413	163	600	0.224	20.2	56.5	11.9	94.4	45.8	12.89
37784.29	413	163	700	0.486	219.4	44.9	13.7	89.4	188.4	12.98
37784.33	413	163	800	0.404	243.6	70.9	15.7	83.0	269.5	13.47
37784.38	413	163	900	0.609	199.4	79.3	17.2	77.4	271.0	13.46
37784.42	413	163	1000	0.647	208.8	82.0	19.1	69.7	612.3	13.37
37784.46	413	163	1100	0.704	189.3	88.0	20.2	64.1	798.0	13.32
37784.50	413	163	1200	0.656	184.9	89.8	21.1	59.0	858.0	13.29
37784.54	413	163	1300	0.744	186.7	95.1	22.1	56.1	874.0	13.28
37784.58	413	163	1400	0.859	237.5	84.5	22.5	55.0	881.0	13.25
37784.63	413	163	1500	0.739	261.1	92.5	22.8	52.5	682.7	13.24
37784.67	413	163	1600	0.667	288.9	99.1	22.4	54.3	464.8	13.25
37784.71	413	163	1700	0.445	349.6	68.2	21.9	57.6	248.9	13.31
37784.75	413	163	1800	0.378	341.6	76.6	20.8	61.8	137.6	13.37
37784.79	413	163	1900	0.255	332.3	64.4	19.2	70.0	32.1	13.21
37784.83	413	163	2000	0.257	20.7	35.5	17.6	79.2	1.3	13.12
37784.88	413	163	2100	0.363	47.8	39.5	16.7	84.5	-1.5	13.08
37784.92	413	163	2200	0.192	323.0	76.7	16.0	85.5	0.0	13.05
37784.96	413	163	2300	0.115	17.3	15.8	16.2	84.6	0.7	13.03
37785.00	413	163	2400	0.103	24.7	24.8	16.4	84.5	1.2	13.02
37785.04	413	164	100	0.285	32.1	26.0	16.1	85.9	2.0	13.00
37785.08	413	164	200	0.277	14.0	52.8	15.3	88.8	1.4	12.99
37785.13	413	164	300	0.153	22.2	18.8	15.2	89.5	6.3	12.97
37785.17	413	164	400	0.182	12.2	57.5	14.9	90.4	3.7	12.96
37785.21	413	164	500	0.243	271.1	52.6	14.8	89.7	15.8	12.95
37785.25	413	164	600	0.172	291.0	64.5	14.4	88.3	42.0	12.93
37785.29	413	164	700	0.246	243.5	32.5	14.4	87.7	108.1	13.15
37785.33	413	164	800	0.364	264.5	89.0	15.1	84.8	145.9	13.49
37785.38	413	164	900	0.435	234.2	93.6	16.0	80.2	281.9	13.56
37785.42	413	164	1000	0.600	192.4	78.2	17.9	71.6	464.1	13.46
37785.46	413	164	1100	0.698	179.5	85.5	19.7	64.2	745.0	13.38
37785.50	413	164	1200	0.813	214.9	96.3	20.6	61.3	836.0	13.33
37785.54	413	164	1300	0.794	233.1	94.0	21.9	56.7	892.0	13.30
37785.58	413	164	1400	0.732	209.5	90.7	22.8	52.0	812.0	13.28
37785.63	413	164	1500	0.718	229.8	87.0	23.4	47.9	695.9	13.25
37785.67	413	164	1600	0.551	312.1	94.4	23.2	49.0	448.4	13.26
37785.71	413	164	1700	0.575	306.0	79.5	23.3	48.3	409.9	13.29
37785.75	413	164	1800	0.511	336.0	74.7	22.2	51.9	167.7	13.30
37785.79	413	164	1900	0.249	336.4	57.2	19.9	63.5	37.7	13.14
37785.83	413	164	2000	0.409	27.8	14.1	16.6	78.7	0.9	13.10
37785.88	413	164	2100	0.432	37.3	17.2	14.5	86.5	-0.4	13.06

37785.92	413	164	2200	0.510	43.7	17.1	13.5	86.7	2.9	13.03
37785.96	413	164	2300	0.475	39.4	17.6	12.5	88.8	13.5	13.01
37786.00	413	164	2400	0.497	41.9	22.6	12.0	88.6	16.6	12.99
37786.04	413	165	100	0.480	35.1	19.7	11.8	88.3	9.3	12.97
37786.08	413	165	200	0.438	44.3	17.4	12.6	86.1	5.9	12.95
37786.13	413	165	300	0.518	45.1	13.9	11.2	90.9	5.9	12.94
37786.17	413	165	400	0.503	49.5	14.0	10.5	90.7	2.3	12.92
37786.21	413	165	500	0.469	43.6	15.1	10.1	91.7	14.9	12.91
37786.25	413	165	600	0.524	45.5	15.3	10.5	91.7	66.5	12.90
37786.29	413	165	700	0.292	62.3	21.1	14.0	82.0	213.2	12.93
37786.33	413	165	800	0.369	221.0	78.2	18.0	65.4	415.0	13.35
37786.38	413	165	900	0.461	200.0	68.1	19.6	61.4	257.3	13.36
37786.42	413	165	1000	0.607	199.4	73.2	21.6	53.4	637.1	13.30
37786.46	413	165	1100	0.680	208.5	81.7	22.9	49.8	825.0	13.27
37786.50	413	165	1200	0.765	196.2	84.6	23.5	45.7	912.0	13.24
37786.54	413	165	1300	0.647	210.5	90.5	24.6	40.8	924.0	13.23
37786.58	413	165	1400	0.675	166.1	95.2	25.7	35.4	875.0	13.20
37786.63	413	165	1500	0.657	213.1	96.7	26.2	30.3	779.0	13.19
37786.67	413	165	1600	0.681	262.9	83.8	26.6	28.9	655.1	13.19
37786.71	413	165	1700	0.514	285.0	77.8	26.5	28.9	486.9	13.19
37786.75	413	165	1800	0.365	330.1	59.6	24.5	31.6	171.3	13.19
37786.79	413	165	1900	0.378	16.0	31.3	21.0	50.4	10.3	13.10
37786.83	413	165	2000	0.458	31.5	13.0	17.1	69.5	1.1	13.05
37786.88	413	165	2100	0.527	43.6	13.9	14.9	76.3	-0.2	13.01
37786.92	413	165	2200	0.539	29.7	21.0	14.3	72.1	0.2	12.98
37786.96	413	165	2300	0.530	32.1	19.4	13.6	73.3	4.1	12.96
37787.00	413	165	2400	0.467	31.8	24.1	13.3	73.5	12.6	12.94
37787.04	413	166	100	0.537	29.4	19.1	12.8	74.7	18.1	12.93
37787.08	413	166	200	0.501	40.4	28.3	12.7	74.1	15.5	12.91
37787.13	413	166	300	0.347	57.6	38.7	13.3	72.0	13.4	12.91
37787.17	413	166	400	0.357	60.7	46.1	13.5	71.7	12.2	12.90
37787.21	413	166	500	0.279	52.2	50.4	12.8	75.5	27.0	12.90
37787.25	413	166	600	0.698	47.6	26.0	13.2	75.9	65.9	12.90
37787.29	413	166	700	0.731	51.0	31.5	17.0	66.1	214.8	12.92
37787.33	413	166	800	0.715	38.3	51.9	22.4	45.2	420.8	13.30
37787.38	413	166	900	0.735	325.9	95.1	24.4	43.0	260.7	13.29
37787.42	413	166	1000	0.608	201.8	85.9	25.1	45.2	648.5	13.24
37787.46	413	166	1100	0.712	183.8	89.3	26.5	38.9	814.0	13.19
37787.50	413	166	1200	0.770	184.1	78.7	27.5	34.1	901.0	13.18
37787.54	413	166	1300	0.769	154.6	101.0	28.7	30.8	909.0	13.16
37787.58	413	166	1400	0.875	171.5	81.7	29.3	30.0	857.0	13.14
37787.63	413	166	1500	0.644	303.2	93.3	29.6	28.7	768.0	13.14
37787.67	413	166	1600	0.650	219.9	90.9	29.9	26.7	650.2	13.11
37787.71	413	166	1700	0.462	281.1	88.8	29.6	27.4	485.8	13.12
37787.75	413	166	1800	0.305	307.2	71.1	26.6	36.8	173.4	13.14
37787.79	413	166	1900	0.407	19.2	29.3	23.0	52.9	10.2	13.07
37787.83	413	166	2000	0.561	42.5	18.9	19.4	69.3	0.2	13.02
37787.88	413	166	2100	0.568	29.4	20.2	18.1	67.4	0.0	13.00
37787.92	413	166	2200	0.508	39.8	36.2	17.0	65.4	-0.4	12.97
37787.96	413	166	2300	0.485	54.4	40.1	17.1	61.4	0.1	12.94
37788.00	413	166	2400	0.486	69.2	46.0	17.7	57.0	0.0	12.93
37788.04	413	167	100	0.532	31.9	27.8	15.0	70.7	0.8	12.92

37788.08	413	167	200	0.668	39.1	47.6	14.4	73.6	5.3	12.90
37788.13	413	167	300	0.509	30.7	59.2	14.1	75.5	10.6	12.90
37788.17	413	167	400	0.794	42.9	67.4	18.8	53.8	13.9	12.90
37788.21	413	167	500	1.434	36.8	59.7	21.4	42.4	18.8	12.90
37788.25	413	167	600	1.582	54.9	51.6	22.3	37.4	66.3	12.91
37788.29	413	167	700	1.523	55.8	55.6	23.7	32.8	217.5	12.94
37788.33	413	167	800	1.477	53.5	49.3	25.5	30.7	426.4	13.23
37788.38	413	167	900	1.324	56.4	50.7	27.5	29.4	237.3	13.25
37788.42	413	167	1000	1.008	66.2	64.2	29.4	28.7	670.8	13.19
37788.46	413	167	1100	0.652	1.4	75.7	31.1	27.4	794.0	13.14
37788.50	413	167	1200	0.740	193.8	67.0	31.7	28.4	889.0	13.11
37788.54	413	167	1300	0.840	173.0	82.7	32.8	26.0	906.0	13.10
37788.58	413	167	1400	0.860	166.3	79.4	33.5	24.5	856.0	13.09
37788.63	413	167	1500	0.805	181.7	87.7	34.0	25.4	768.0	13.09
37788.67	413	167	1600	0.674	118.9	97.6	34.2	24.7	649.6	13.07
37788.71	413	167	1700	0.418	275.4	82.5	33.0	28.9	484.3	13.07
37788.75	413	167	1800	0.323	313.2	60.4	29.6	38.8	175.6	13.09
37788.79	413	167	1900	0.562	23.5	14.6	25.5	57.2	5.8	13.03
37788.83	413	167	2000	0.608	39.1	15.7	21.8	72.0	0.0	13.00
37788.88	413	167	2100	0.611	30.6	18.7	20.3	68.7	0.0	12.96
37788.92	413	167	2200	0.544	33.8	28.8	19.4	64.4	0.3	12.94
37788.96	413	167	2300	0.490	29.5	23.9	18.3	66.1	-0.9	12.93
37789.00	413	167	2400	0.512	29.9	15.1	17.9	68.1	-0.5	12.91
37789.04	413	168	100	0.498	38.1	13.7	17.1	71.9	0.0	12.90
37789.08	413	168	200	0.452	30.6	21.2	17.0	71.9	0.0	12.90
37789.13	413	168	300	0.487	34.9	25.5	16.7	72.2	1.4	12.89
37789.17	413	168	400	0.385	55.1	45.0	16.8	69.3	1.0	12.88
37789.21	413	168	500	0.433	45.2	39.8	16.5	68.5	15.6	12.88
37789.25	413	168	600	0.501	42.7	28.4	16.7	70.9	63.6	12.88
37789.29	413	168	700	0.426	52.6	24.0	18.6	76.6	196.7	12.91
37789.33	413	168	800	0.222	63.7	32.3	24.1	63.0	406.2	13.23
37789.38	413	168	900	0.459	213.4	68.6	27.1	45.8	282.2	13.22
37789.42	413	168	1000	0.602	231.0	73.4	28.2	39.3	624.0	13.16
37789.46	413	168	1100	0.491	230.6	88.5	29.3	38.5	790.0	13.14
37789.50	413	168	1200	0.712	215.6	83.8	29.8	35.1	880.0	13.12
37789.54	413	168	1300	0.647	181.0	96.6	30.8	33.6	880.0	13.11
37789.58	413	168	1400	0.626	273.0	86.0	31.7	30.6	841.0	13.10
37789.63	413	168	1500	0.560	258.5	80.6	32.5	30.2	762.0	13.09
37789.67	413	168	1600	0.525	248.1	84.3	32.5	32.2	633.3	13.07
37789.71	413	168	1700	0.540	310.0	72.7	31.9	33.2	470.9	13.07
37789.75	413	168	1800	0.523	349.8	58.8	29.7	39.7	171.8	13.10
37789.79	413	168	1900	0.373	3.0	44.7	26.3	53.4	6.5	13.03
37789.83	413	168	2000	0.466	25.4	13.8	22.2	69.8	0.0	13.00
37789.88	413	168	2100	0.531	31.1	19.8	19.9	75.3	0.0	12.96
37789.92	413	168	2200	0.581	35.7	12.6	18.2	80.2	-0.2	12.94
37789.96	413	168	2300	0.558	41.1	17.3	17.5	81.1	0.0	12.92
37790.00	413	168	2400	0.543	41.8	16.6	17.2	82.1	-0.8	12.90
37790.04	413	169	100	0.507	41.6	12.2	16.5	85.0	0.2	12.89
37790.08	413	169	200	0.515	41.6	19.3	16.9	82.8	0.3	12.89
37790.13	413	169	300	0.471	28.7	25.3	16.9	82.6	2.2	12.88
37790.17	413	169	400	0.464	32.8	17.7	16.0	86.9	3.8	12.88
37790.21	413	169	500	0.447	28.7	13.7	14.7	91.3	17.5	12.87

37790.25	413	169	600	0.493	31.5	18.7	15.0	88.4	59.2	12.87
37790.29	413	169	700	0.356	50.7	52.0	17.9	81.5	196.0	12.89
37790.33	413	169	800	0.391	245.5	80.2	21.5	61.6	408.4	13.24
37790.38	413	169	900	0.619	228.9	81.5	22.3	60.0	286.1	13.29
37790.42	413	169	1000	0.559	229.0	80.6	24.1	55.0	594.6	13.23
37790.46	413	169	1100	0.584	248.0	88.6	25.3	49.8	617.3	13.20
37790.50	413	169	1200	0.539	219.4	62.1	25.5	46.9	636.8	13.19
37790.54	413	169	1300	0.620	286.7	80.8	25.6	47.2	575.4	13.19
37790.58	413	169	1400	0.701	198.4	93.5	25.7	47.0	629.8	13.19
37790.63	413	169	1500	0.643	228.3	89.4	26.5	43.7	755.0	13.19
37790.67	413	169	1600	0.705	327.0	87.1	27.0	42.2	634.6	13.16
37790.71	413	169	1700	0.680	310.5	88.5	26.5	42.1	458.6	13.17
37790.75	413	169	1800	0.504	344.2	75.9	25.1	47.3	167.7	13.19
37790.79	413	169	1900	0.294	341.7	58.7	22.7	59.4	20.1	13.09
37790.83	413	169	2000	0.459	35.4	18.1	19.3	74.7	1.1	13.04
37790.88	413	169	2100	0.483	31.8	23.4	17.4	79.7	0.0	13.01
37790.92	413	169	2200	0.425	32.6	19.2	17.1	79.3	-0.7	12.98
37790.96	413	169	2300	0.399	28.8	32.6	16.2	83.5	0.0	12.96
37791.00	413	169	2400	0.373	34.1	17.1	16.7	82.2	0.3	12.94
37791.04	413	170	100	0.418	34.8	16.2	16.0	86.2	0.4	12.93
37791.08	413	170	200	0.452	33.8	13.6	15.2	88.8	2.9	12.91
37791.13	413	170	300	0.398	33.4	21.3	14.3	91.7	6.9	12.90
37791.17	413	170	400	0.268	21.1	24.0	13.9	91.4	12.6	12.89
37791.21	413	170	500	0.439	36.6	22.0	13.5	92.6	28.3	12.88
37791.25	413	170	600	0.326	36.2	17.3	13.7	92.3	58.8	12.87
37791.29	413	170	700	0.166	221.1	87.2	16.5	82.5	184.0	12.95
37791.33	413	170	800	0.392	227.3	59.4	18.5	71.5	379.2	13.35
37791.38	413	170	900	0.592	164.0	80.7	20.4	66.1	286.0	13.35
37791.42	413	170	1000	0.652	199.0	82.9	21.3	62.8	618.8	13.29
37791.46	413	170	1100	0.706	171.2	85.2	22.9	57.6	794.0	13.25
37791.50	413	170	1200	0.779	186.9	79.0	23.2	55.0	879.0	13.24
37791.54	413	170	1300	0.790	285.7	96.0	24.2	50.8	899.0	13.23
37791.58	413	170	1400	0.761	245.5	88.3	25.1	47.0	809.0	13.21
37791.63	413	170	1500	0.748	290.7	93.6	25.5	44.7	624.0	13.20
37791.67	413	170	1600	0.868	283.2	93.9	25.6	41.5	608.5	13.19
37791.71	413	170	1700	0.790	336.4	76.7	25.0	42.7	439.7	13.20
37791.75	413	170	1800	0.741	334.5	70.6	23.4	49.8	169.0	13.28
37791.79	413	170	1900	0.520	332.3	63.4	22.2	54.6	50.3	13.16
37791.83	413	170	2000	0.337	11.7	41.7	19.0	71.4	2.1	13.08
37791.88	413	170	2100	0.436	25.2	25.3	16.7	81.2	-0.2	13.04
37791.92	413	170	2200	0.482	24.4	13.3	15.2	83.0	-0.2	13.01
37791.96	413	170	2300	0.465	27.0	14.8	13.8	74.1	1.7	12.98
37792.00	413	170	2400	0.485	36.1	20.1	13.5	70.9	7.6	12.96
37792.04	413	171	100	0.390	40.7	29.6	14.1	69.5	12.3	12.94
37792.08	413	171	200	0.364	31.7	20.5	15.1	68.5	15.6	12.93
37792.13	413	171	300	0.328	18.1	12.3	14.9	74.4	12.5	12.92
37792.17	413	171	400	0.404	29.9	10.8	14.0	82.0	12.5	12.91
37792.21	413	171	500	0.415	27.2	10.9	12.0	89.2	28.1	12.90
37792.25	413	171	600	0.334	33.3	12.9	12.1	89.7	49.9	12.89
37792.29	413	171	700	0.295	59.2	25.6	14.6	79.9	146.9	12.93
37792.33	413	171	800	0.427	203.9	85.5	16.4	67.5	334.1	13.40
37792.38	413	171	900	0.549	189.4	79.8	19.0	56.2	249.9	13.41

37792.42	413	171	1000	0.660	179.3	93.8	20.6	52.3	652.4	13.33
37792.46	413	171	1100	0.686	181.2	94.6	21.8	48.7	827.0	13.29
37792.50	413	171	1200	0.764	169.8	98.8	22.3	40.9	917.0	13.25
37792.54	413	171	1300	0.888	207.8	93.9	22.8	34.4	930.0	13.25
37792.58	413	171	1400	0.737	209.8	91.2	23.9	26.6	890.0	13.24
37792.63	413	171	1500	0.772	215.0	98.4	24.5	24.7	783.0	13.23
37792.67	413	171	1600	0.772	297.3	81.2	24.8	21.2	657.1	13.20
37792.71	413	171	1700	0.562	339.6	79.5	24.7	21.8	486.4	13.20
37792.75	413	171	1800	0.446	353.5	75.1	23.1	26.9	192.3	13.24
37792.79	413	171	1900	0.421	342.1	54.4	20.9	36.9	20.9	13.11
37792.83	413	171	2000	0.420	19.7	37.7	17.7	55.7	1.3	13.07
37792.88	413	171	2100	0.445	27.3	15.5	15.1	67.6	-1.0	13.02
37792.92	413	171	2200	0.336	27.5	19.9	15.3	67.7	0.2	13.00
37792.96	413	171	2300	0.336	28.5	20.3	16.0	67.0	0.4	12.98
37793.00	413	171	2400	0.436	29.6	16.7	14.8	68.9	2.5	12.96
37793.04	413	172	100	0.352	16.8	20.8	14.3	69.5	6.3	12.94
37793.08	413	172	200	0.354	21.2	17.0	14.2	72.6	13.1	12.93
37793.13	413	172	300	0.309	31.3	52.1	13.7	72.5	16.2	12.92
37793.17	413	172	400	0.607	232.2	58.0	14.3	64.1	16.7	12.91
37793.21	413	172	500	0.359	24.0	49.3	12.4	72.4	30.4	12.90
37793.25	413	172	600	0.298	30.1	41.7	11.0	81.0	42.0	12.89
37793.29	413	172	700	0.336	41.8	88.0	13.0	74.5	166.1	12.95
37793.33	413	172	800	0.497	199.0	69.9	16.0	58.7	378.7	13.40
37793.38	413	172	900	0.526	219.5	89.9	17.9	53.5	275.2	13.42
37793.42	413	172	1000	0.739	198.5	88.4	19.4	49.9	640.3	13.35
37793.46	413	172	1100	0.769	234.5	87.5	20.8	46.3	829.0	13.31
37793.50	413	172	1200	0.725	216.6	95.3	21.6	43.0	923.0	13.28
37793.54	413	172	1300	0.827	152.0	87.9	22.3	34.2	935.0	13.26
37793.58	413	172	1400	0.707	233.0	89.1	23.2	30.4	888.0	13.25
37793.63	413	172	1500	0.747	234.5	85.7	23.8	26.5	787.0	13.24
37793.67	413	172	1600	0.710	295.4	81.2	24.3	23.6	652.0	13.21
37793.71	413	172	1700	0.566	282.8	80.6	24.3	25.8	482.9	13.21
37793.75	413	172	1800	0.386	298.7	61.4	22.4	28.8	184.2	13.24
37793.79	413	172	1900	0.381	9.8	40.6	19.6	40.6	29.2	13.11
37793.83	413	172	2000	0.430	28.3	16.6	15.7	61.6	0.4	13.06
37793.88	413	172	2100	0.458	36.8	24.9	13.8	68.7	-0.3	13.02
37793.92	413	172	2200	0.435	30.7	27.1	12.8	72.8	3.7	12.99
37793.96	413	172	2300	0.465	24.5	24.6	11.8	79.2	15.9	12.96
37794.00	413	172	2400	0.446	31.6	23.1	11.4	80.9	12.2	12.94
37794.04	413	173	100	0.426	43.7	27.9	12.1	78.0	8.9	12.92
37794.08	413	173	200	0.432	35.0	17.9	13.1	75.4	6.5	12.91
37794.13	413	173	300	0.628	38.1	41.9	13.0	70.0	6.2	12.91
37794.17	413	173	400	0.692	41.5	47.4	14.3	50.6	8.6	12.90
37794.21	413	173	500	1.114	38.1	48.5	14.1	47.7	27.0	12.90
37794.25	413	173	600	1.474	42.6	49.6	14.0	47.6	57.1	12.92
37794.29	413	173	700	1.576	43.0	48.8	14.4	48.4	176.1	13.13
37794.33	413	173	800	1.222	41.7	50.7	16.3	45.6	383.1	13.45
37794.38	413	173	900	0.973	44.6	56.1	18.8	43.4	307.7	13.45
37794.42	413	173	1000	0.912	102.1	80.6	20.1	43.2	595.6	13.38
37794.46	413	173	1100	0.741	278.1	91.6	21.3	39.5	787.0	13.32
37794.50	413	173	1200	0.964	178.9	85.5	22.0	35.4	932.0	13.29
37794.54	413	173	1300	0.885	206.5	91.4	22.7	33.1	955.0	13.28

37794.58	413	173	1400	0.732	86.5	90.8	23.7	29.7	891.0	13.25
37794.63	413	173	1500	0.765	300.7	91.9	24.1	24.8	795.0	13.24
37794.67	413	173	1600	0.725	124.4	99.2	24.3	20.6	665.4	13.20
37794.71	413	173	1700	0.536	4.8	93.1	24.1	17.9	504.4	13.21
37794.75	413	173	1800	0.370	286.5	66.8	21.7	30.1	185.8	13.24
37794.79	413	173	1900	0.336	356.7	47.5	18.7	46.1	24.7	13.11
37794.83	413	173	2000	0.455	34.5	22.7	16.5	59.3	5.3	13.07
37794.88	413	173	2100	0.527	27.6	19.0	14.4	61.5	-0.6	13.03
37794.92	413	173	2200	0.539	36.4	25.4	14.4	55.9	2.1	12.99
37794.96	413	173	2300	0.590	39.4	34.5	15.0	47.4	12.7	12.97
37795.00	413	173	2400	0.553	38.6	35.4	14.4	48.8	15.6	12.95
37795.04	413	174	100	0.316	25.7	20.5	11.5	64.4	16.9	12.94
37795.08	413	174	200	0.357	21.6	38.3	10.3	67.5	9.0	12.92
37795.13	413	174	300	1.045	54.2	46.5	14.7	41.6	4.7	12.90
37795.17	413	174	400	1.013	40.9	49.4	14.7	41.1	7.5	12.90
37795.21	413	174	500	0.698	43.9	46.8	13.9	44.8	25.5	12.90
37795.25	413	174	600	1.240	52.7	48.0	14.1	45.0	64.9	12.90
37795.29	413	174	700	1.349	51.9	51.2	15.0	45.7	222.1	12.91
37795.33	413	174	800	1.351	41.7	59.9	16.4	44.6	423.1	13.37
37795.38	413	174	900	1.064	48.0	65.4	18.6	40.5	245.3	13.43
37795.42	413	174	1000	0.924	47.8	67.5	20.1	36.6	681.4	13.36
37795.46	413	174	1100	0.769	59.6	81.1	21.8	28.8	784.0	13.31
37795.50	413	174	1200	1.204	55.3	69.5	22.7	23.1	939.0	13.28
37795.54	413	174	1300	1.167	70.9	72.3	22.8	25.7	912.0	13.28
37795.58	413	174	1400	1.247	107.7	67.4	23.4	26.8	941.0	13.27
37795.63	413	174	1500	0.986	82.7	70.4	22.4	31.5	503.8	13.27
37795.67	413	174	1600	1.516	104.7	74.0	22.8	29.6	773.0	13.28
37795.71	413	174	1700	1.523	54.9	59.9	21.0	37.1	565.9	13.26
37795.75	413	174	1800	0.784	11.0	48.9	17.3	51.6	86.2	13.26
37795.79	413	174	1900	0.901	41.3	62.7	18.0	41.5	35.5	13.12
37795.83	413	174	2000	0.609	38.3	54.4	16.4	46.0	4.9	13.07
37795.88	413	174	2100	0.437	37.2	59.7	15.7	45.7	1.0	13.04
37795.92	413	174	2200	0.950	65.2	66.3	15.4	43.5	6.3	13.00
37795.96	413	174	2300	0.777	49.1	80.1	14.7	47.1	15.0	12.98
37796.00	413	174	2400	0.657	284.9	89.4	13.0	56.4	17.7	12.96
37796.04	413	175	100	0.465	0.5	80.2	10.7	67.0	11.8	12.95
37796.08	413	175	200	1.224	9.1	80.8	13.6	52.1	5.6	12.92
37796.13	413	175	300	1.733	47.2	58.9	13.8	50.8	5.0	12.91
37796.17	413	175	400	1.716	51.5	50.1	13.8	50.0	5.9	12.91
37796.21	413	175	500	1.702	51.4	56.7	13.6	49.0	21.8	12.91
37796.25	413	175	600	1.906	57.0	52.0	13.5	49.3	65.6	12.90
37796.29	413	175	700	2.046	60.9	49.4	14.8	45.3	225.9	12.92
37796.33	413	175	800	1.732	54.4	55.4	16.9	40.1	428.6	13.38
37796.38	413	175	900	1.838	53.9	61.6	19.2	33.1	247.3	13.44
37796.42	413	175	1000	1.634	55.8	63.5	21.1	29.3	653.5	13.39
37796.46	413	175	1100	1.320	45.2	65.3	22.7	25.4	809.0	13.33
37796.50	413	175	1200	1.274	66.2	57.8	24.2	24.6	929.0	13.29
37796.54	413	175	1300	1.423	67.6	60.3	25.3	22.9	952.0	13.27
37796.58	413	175	1400	1.146	58.7	63.4	26.6	17.4	908.0	13.24
37796.63	413	175	1500	1.322	60.5	62.0	27.3	15.2	807.0	13.21
37796.67	413	175	1600	1.236	60.1	64.3	27.2	15.5	673.0	13.20
37796.71	413	175	1700	1.306	62.1	56.4	27.0	14.8	511.1	13.20

37796.75	413	175	1800	0.990	48.4	69.0	25.7	15.4	186.8	13.22
37796.79	413	175	1900	0.704	34.2	63.8	24.1	18.2	12.3	13.11
37796.83	413	175	2000	0.567	34.7	40.4	20.3	29.1	1.7	13.07
37796.88	413	175	2100	0.697	34.0	20.4	15.9	44.0	-0.8	13.03
37796.92	413	175	2200	0.720	38.3	24.1	15.3	44.9	0.9	13.00
37796.96	413	175	2300	1.006	50.2	39.2	19.9	27.5	4.4	12.97
37797.00	413	175	2400	1.094	51.6	39.0	20.1	27.5	2.2	12.96
37797.04	413	176	100	0.967	52.1	34.1	19.7	28.9	3.3	12.96
37797.08	413	176	200	1.053	48.4	37.1	19.7	27.0	2.6	12.95
37797.13	413	176	300	1.235	54.3	35.0	19.6	26.8	3.6	12.94
37797.17	413	176	400	1.532	58.9	38.7	19.7	30.6	2.5	12.94
37797.21	413	176	500	1.313	58.5	36.8	19.5	29.9	13.6	12.93
37797.25	413	176	600	1.357	55.7	38.5	19.2	29.6	66.1	12.93
37797.29	413	176	700	1.346	55.1	41.5	20.5	29.1	226.7	12.94
37797.33	413	176	800	1.276	56.5	44.1	22.8	27.6	430.4	13.27
37797.38	413	176	900	1.142	56.9	51.9	25.2	24.9	257.3	13.30
37797.42	413	176	1000	0.826	44.9	64.9	27.3	22.0	665.6	13.22
37797.46	413	176	1100	0.779	25.9	68.7	28.7	20.4	815.0	13.18
37797.50	413	176	1200	0.936	8.8	97.3	29.2	20.4	920.0	13.14
37797.54	413	176	1300	0.721	337.3	101.1	30.0	19.5	957.0	13.14
37797.58	413	176	1400	0.710	233.8	93.6	30.7	19.2	885.0	13.13
37797.63	413	176	1500	0.794	131.3	93.1	31.5	19.3	784.0	13.11
37797.67	413	176	1600	0.851	215.1	92.2	31.2	19.1	666.3	13.11
37797.71	413	176	1700	0.562	337.4	83.3	31.4	19.8	501.0	13.11
37797.75	413	176	1800	0.416	351.5	81.5	29.6	22.2	183.5	13.12
37797.79	413	176	1900	0.428	22.9	45.2	24.5	34.4	4.7	13.05
37797.83	413	176	2000	0.601	24.5	13.0	19.6	53.3	0.0	13.02
37797.88	413	176	2100	0.550	35.3	16.5	17.4	56.6	-0.2	12.99
37797.92	413	176	2200	0.557	31.3	16.6	14.8	64.5	-0.4	12.95
37797.96	413	176	2300	0.605	31.0	24.6	13.9	63.5	1.5	12.93
37798.00	413	176	2400	0.943	47.3	25.0	17.5	40.7	11.1	12.91
37798.04	413	177	100	0.959	48.7	28.4	19.0	33.9	7.4	12.91
37798.08	413	177	200	0.975	47.8	32.0	20.2	29.9	3.8	12.91
37798.13	413	177	300	0.987	47.7	39.2	22.1	24.8	2.1	12.91
37798.17	413	177	400	1.096	31.2	46.6	23.0	22.4	0.7	12.91
37798.21	413	177	500	1.315	38.9	47.4	23.4	21.3	3.2	12.92
37798.25	413	177	600	1.230	42.5	46.9	23.1	23.3	62.1	12.92
37798.29	413	177	700	1.317	46.0	43.4	24.1	24.3	227.3	12.94
37798.33	413	177	800	1.434	48.1	48.9	26.3	23.1	430.6	13.20
37798.38	413	177	900	1.053	50.8	46.8	28.6	23.0	250.0	13.22
37798.42	413	177	1000	0.754	37.5	62.3	30.8	20.5	641.8	13.16
37798.46	413	177	1100	0.719	52.0	81.9	32.6	15.6	820.0	13.12
37798.50	413	177	1200	0.732	87.5	85.4	33.4	15.9	944.0	13.10
37798.54	413	177	1300	0.917	149.6	80.8	33.4	16.7	958.0	13.08
37798.58	413	177	1400	0.959	136.7	75.4	34.0	17.0	879.0	13.08
37798.63	413	177	1500	0.805	163.2	93.8	34.2	17.9	783.0	13.08
37798.67	413	177	1600	0.705	123.8	90.4	34.2	18.0	668.6	13.06
37798.71	413	177	1700	0.567	89.8	92.6	33.7	21.2	500.2	13.06
37798.75	413	177	1800	0.395	311.0	80.6	30.5	26.2	183.1	13.08
37798.79	413	177	1900	0.414	21.3	29.5	25.7	39.4	3.8	13.02
37798.83	413	177	2000	0.598	38.0	18.7	21.9	56.8	0.0	12.98
37798.88	413	177	2100	0.658	38.1	18.5	20.0	57.2	0.1	12.95

37798.92	413	177	2200	0.592	32.0	23.6	19.3	52.1	-0.5	12.94
37798.96	413	177	2300	0.464	31.3	31.2	18.8	49.0	-0.7	12.92
37799.00	413	177	2400	0.372	46.7	44.2	18.6	47.6	-0.7	12.90
37799.04	413	178	100	0.418	59.2	43.7	18.8	45.3	0.3	12.90
37799.08	413	178	200	0.377	59.0	48.4	18.4	45.9	0.6	12.89
37799.13	413	178	300	0.560	74.4	48.9	19.1	41.4	1.0	12.89
37799.17	413	178	400	0.528	60.2	44.0	18.7	42.3	1.9	12.88
37799.21	413	178	500	0.872	45.2	35.1	19.5	41.0	12.2	12.88
37799.25	413	178	600	1.126	33.2	47.0	24.3	28.0	62.8	12.88
37799.29	413	178	700	1.449	50.9	51.7	26.2	25.5	219.2	12.91
37799.33	413	178	800	1.009	44.9	52.8	28.3	24.5	426.9	13.16
37799.38	413	178	900	0.571	34.6	56.5	30.9	23.7	244.1	13.16
37799.42	413	178	1000	0.715	15.6	92.9	32.2	22.8	636.4	13.12
37799.46	413	178	1100	0.590	212.7	96.9	33.2	24.5	817.0	13.09
37799.50	413	178	1200	0.655	160.0	95.4	34.2	20.8	926.0	13.07
37799.54	413	178	1300	0.892	89.8	87.6	35.3	16.3	950.0	13.05
37799.58	413	178	1400	0.820	135.0	85.5	35.8	14.5	884.0	13.05
37799.63	413	178	1500	0.772	190.5	89.1	35.7	14.7	786.0	13.04
37799.67	413	178	1600	0.611	61.9	93.4	35.9	15.1	673.2	13.04
37799.71	413	178	1700	0.571	327.7	97.7	34.8	18.7	502.3	13.04
37799.75	413	178	1800	0.393	358.1	51.5	30.7	30.9	185.7	13.05
37799.79	413	178	1900	0.580	22.8	9.6	26.0	45.4	4.0	12.99
37799.83	413	178	2000	0.651	41.3	17.3	22.0	56.7	0.0	12.96
37799.88	413	178	2100	0.630	30.5	22.8	20.8	50.5	0.1	12.93
37799.92	413	178	2200	0.614	25.0	22.3	20.3	45.5	0.6	12.91
37799.96	413	178	2300	0.490	32.5	30.9	20.0	43.9	-1.7	12.90
37800.00	413	178	2400	0.422	40.3	36.5	19.8	44.3	-1.4	12.89
37800.04	413	179	100	0.566	58.5	46.4	20.9	40.6	-0.4	12.89
37800.08	413	179	200	0.721	39.2	24.3	19.5	44.4	-0.3	12.88
37800.13	413	179	300	0.766	45.3	23.1	19.4	46.0	-0.6	12.88
37800.17	413	179	400	0.694	35.1	19.2	17.4	56.6	0.5	12.88
37800.21	413	179	500	0.421	40.9	35.7	17.5	53.4	12.1	12.86
37800.25	413	179	600	0.400	42.0	42.3	17.9	54.7	62.7	12.86
37800.29	413	179	700	0.493	36.8	24.1	19.9	60.5	213.4	12.88
37800.33	413	179	800	0.386	43.0	17.9	24.2	56.8	420.9	13.18
37800.38	413	179	900	0.333	180.9	81.4	28.9	40.7	250.0	13.19
37800.42	413	179	1000	0.470	226.1	81.4	31.4	28.2	623.7	13.12
37800.46	413	179	1100	0.571	187.4	96.5	33.1	24.4	804.0	13.09
37800.50	413	179	1200	0.643	164.3	93.4	33.8	21.8	888.0	13.07
37800.54	413	179	1300	0.714	165.4	94.9	34.4	21.4	905.0	13.05
37800.58	413	179	1400	0.647	249.2	95.3	35.0	20.4	863.0	13.05
37800.63	413	179	1500	0.614	281.4	89.0	35.1	20.8	773.0	13.04
37800.67	413	179	1600	0.642	338.5	94.4	34.6	22.8	656.4	13.04
37800.71	413	179	1700	0.509	342.4	74.0	33.8	26.3	489.9	13.04
37800.75	413	179	1800	0.468	346.1	61.8	31.3	30.4	182.7	13.06
37800.79	413	179	1900	0.364	13.2	47.2	27.4	38.5	5.1	13.00
37800.83	413	179	2000	0.567	27.0	15.9	22.7	59.2	0.0	12.97
37800.88	413	179	2100	0.654	43.4	16.4	20.0	67.9	0.0	12.93
37800.92	413	179	2200	0.616	30.8	15.1	18.7	62.9	-0.1	12.91
37800.96	413	179	2300	0.517	31.5	19.8	18.1	58.0	-0.8	12.89
37801.00	413	179	2400	0.532	41.9	16.7	17.0	59.7	0.0	12.88
37801.04	413	180	100	0.575	44.1	14.6	16.3	61.1	0.9	12.87

37801.08	413	180	200	0.583	28.4	17.3	15.0	65.4	4.3	12.85
37801.13	413	180	300	0.471	30.6	23.2	14.5	69.6	13.4	12.85
37801.17	413	180	400	0.507	36.3	30.8	13.8	72.8	17.1	12.85
37801.21	413	180	500	0.492	31.9	13.0	12.5	78.4	31.3	12.84
37801.25	413	180	600	0.508	35.1	16.7	12.3	79.1	51.7	12.83
37801.29	413	180	700	0.356	58.9	32.6	15.9	70.1	212.4	12.85
37801.33	413	180	800	0.323	85.6	64.1	21.5	56.8	427.7	13.21
37801.38	413	180	900	0.564	213.4	54.9	24.2	37.2	245.2	13.27
37801.42	413	180	1000	0.710	218.8	77.1	25.5	32.0	624.1	13.21
37801.46	413	180	1100	0.701	219.8	83.3	26.4	29.5	832.0	13.18
37801.50	413	180	1200	0.796	202.9	90.1	27.1	27.6	938.0	13.16
37801.54	413	180	1300	0.835	273.8	100.0	28.6	21.2	962.0	13.14
37801.58	413	180	1400	0.876	305.1	91.1	29.8	16.4	917.0	13.14
37801.63	413	180	1500	1.016	320.6	86.1	30.3	13.3	818.0	13.13
37801.67	413	180	1600	0.841	318.1	78.3	30.5	13.4	685.4	13.11
37801.71	413	180	1700	0.834	343.8	76.1	29.8	16.1	516.3	13.11
37801.75	413	180	1800	0.700	344.5	62.9	28.0	19.4	185.8	13.13
37801.79	413	180	1900	0.423	350.9	58.4	25.0	28.9	9.1	13.04
37801.83	413	180	2000	0.531	23.1	15.7	19.9	47.4	1.0	13.01
37801.88	413	180	2100	0.584	31.2	23.3	17.2	54.1	-0.3	12.97
37801.92	413	180	2200	0.529	49.1	34.7	16.3	51.5	-0.4	12.94
37801.96	413	180	2300	0.555	43.7	46.6	15.6	50.7	2.0	12.92
37802.00	413	180	2400	0.563	33.7	35.8	13.9	58.3	11.3	12.89
37802.04	413	181	100	0.465	22.7	19.2	12.9	61.9	18.1	12.88
37802.08	413	181	200	0.561	25.9	15.9	12.2	64.7	11.3	12.86
37802.13	413	181	300	0.598	23.0	15.3	11.4	68.2	4.4	12.85
37802.17	413	181	400	0.578	21.4	12.9	10.6	71.4	1.1	12.84
37802.21	413	181	500	0.536	28.0	13.3	9.6	76.2	6.9	12.83
37802.25	413	181	600	0.561	40.6	24.1	9.8	75.5	62.1	12.83
37802.29	413	181	700	0.409	49.0	17.4	13.3	70.6	226.5	12.84
37802.33	413	181	800	0.357	74.2	39.6	19.4	50.9	430.4	13.26
37802.38	413	181	900	0.486	210.6	91.5	22.5	40.1	238.1	13.31
37802.42	413	181	1000	0.655	199.2	87.8	24.0	35.2	640.5	13.24
37802.46	413	181	1100	0.582	205.1	95.8	25.1	31.2	822.0	13.20
37802.50	413	181	1200	0.754	194.0	79.3	25.4	32.3	919.0	13.18
37802.54	413	181	1300	0.744	312.0	100.2	26.4	31.3	927.0	13.18
37802.58	413	181	1400	0.728	244.8	93.4	27.3	28.8	892.0	13.18
37802.63	413	181	1500	0.737	279.0	90.7	28.3	25.3	796.0	13.14
37802.67	413	181	1600	0.758	273.6	92.9	28.2	22.7	671.0	13.14
37802.71	413	181	1700	0.583	255.5	90.1	28.0	21.2	510.1	13.14
37802.75	413	181	1800	0.431	352.6	61.1	26.0	26.4	187.7	13.16
37802.79	413	181	1900	0.366	5.8	43.2	21.9	35.9	10.7	13.06
37802.83	413	181	2000	0.531	23.2	19.5	17.7	55.9	1.9	13.01
37802.88	413	181	2100	0.508	39.3	21.8	15.8	62.9	-0.7	12.98
37802.92	413	181	2200	0.574	26.7	20.1	15.0	62.4	1.7	12.95
37802.96	413	181	2300	0.522	35.3	15.0	13.9	64.3	10.5	12.92
37803.00	413	181	2400	0.522	39.6	16.6	12.8	64.7	17.4	12.90
37803.04	413	182	100	0.420	32.2	15.9	12.3	63.2	10.7	12.89
37803.08	413	182	200	0.469	46.5	21.2	12.1	60.2	4.0	12.87
37803.13	413	182	300	0.498	43.7	19.6	11.3	62.4	0.9	12.86
37803.17	413	182	400	0.506	31.5	17.4	10.4	66.0	0.5	12.85
37803.21	413	182	500	0.441	29.5	21.6	9.3	72.0	5.2	12.84

37803.25	413	182	600	0.405	33.1	24.6	9.3	75.9	61.5	12.83
37803.29	413	182	700	0.325	62.8	62.9	13.0	68.4	216.0	12.85
37803.33	413	182	800	0.353	81.4	41.7	18.0	45.6	423.8	13.28
37803.38	413	182	900	0.465	160.5	93.4	20.5	39.8	223.9	13.34
37803.42	413	182	1000	0.639	203.8	90.0	21.6	37.3	634.5	13.29
37803.46	413	182	1100	0.661	216.6	85.5	22.4	36.0	820.0	13.25
37803.50	413	182	1200	0.870	201.7	87.6	23.0	35.2	919.0	13.23
37803.54	413	182	1300	0.855	259.2	91.5	24.3	33.4	923.0	13.23
37803.58	413	182	1400	0.826	101.4	92.2	25.6	30.9	879.0	13.21
37803.63	413	182	1500	0.724	295.3	98.4	26.2	30.8	777.0	13.19
37803.67	413	182	1600	0.751	214.0	103.3	26.5	30.7	654.6	13.19
37803.71	413	182	1700	0.899	347.2	83.2	26.7	22.8	497.0	13.19
37803.75	413	182	1800	0.682	341.0	68.3	25.4	23.4	186.6	13.20
37803.79	413	182	1900	0.433	356.8	47.8	22.8	37.3	10.6	13.09
37803.83	413	182	2000	0.464	35.1	16.5	18.2	61.0	2.0	13.05
37803.88	413	182	2100	0.488	46.6	20.4	16.2	66.5	-0.9	13.01
37803.92	413	182	2200	0.523	35.3	19.2	14.1	63.9	1.6	12.98
37803.96	413	182	2300	0.583	40.4	23.1	12.6	62.3	12.5	12.95
37804.00	413	182	2400	0.466	50.0	33.4	12.8	57.2	15.9	12.93
37804.04	413	183	100	0.482	63.1	36.6	12.7	54.6	5.8	12.91
37804.08	413	183	200	0.445	66.2	31.2	12.2	56.9	2.4	12.89
37804.13	413	183	300	0.337	30.3	37.0	11.2	63.2	1.1	12.88
37804.17	413	183	400	0.354	23.6	16.6	10.3	67.8	0.2	12.86
37804.21	413	183	500	0.533	28.0	23.4	9.6	69.5	2.7	12.85
37804.25	413	183	600	0.566	31.6	17.8	9.3	73.3	59.3	12.84
37804.29	413	183	700	0.503	59.7	20.1	12.6	69.4	216.1	12.86
37804.33	413	183	800	0.366	84.8	60.4	18.2	52.7	421.1	13.29
37804.38	413	183	900	0.458	198.4	77.4	21.6	39.3	222.7	13.34
37804.42	413	183	1000	0.588	195.1	79.3	23.1	32.4	608.6	13.27
37804.46	413	183	1100	0.681	231.7	88.6	24.1	30.2	811.0	13.23
37804.50	413	183	1200	0.763	204.2	99.0	24.7	29.5	921.0	13.22
37804.54	413	183	1300	0.829	236.6	94.9	25.6	26.1	931.0	13.19
37804.58	413	183	1400	0.949	271.6	95.8	27.0	20.3	900.0	13.19
37804.63	413	183	1500	0.774	357.0	96.7	27.7	18.0	806.0	13.18
37804.67	413	183	1600	0.719	26.8	98.1	28.0	17.0	675.4	13.15
37804.71	413	183	1700	0.609	72.8	98.4	27.6	19.5	513.9	13.15
37804.75	413	183	1800	0.370	340.3	76.8	25.2	23.6	191.2	13.18
37804.79	413	183	1900	0.359	13.3	36.2	21.0	35.9	9.1	13.08
37804.83	413	183	2000	0.494	28.3	13.6	16.7	56.0	1.7	13.03
37804.88	413	183	2100	0.516	44.0	17.1	14.7	60.6	-0.9	12.99
37804.92	413	183	2200	0.504	29.9	26.8	14.0	56.0	4.4	12.96
37804.96	413	183	2300	0.456	30.1	26.9	13.8	53.1	16.2	12.93
37805.00	413	183	2400	0.466	33.6	23.0	12.9	54.0	15.8	12.92
37805.04	413	184	100	0.478	34.5	19.9	11.9	54.6	5.9	12.90
37805.08	413	184	200	0.462	35.0	20.1	11.7	53.3	1.6	12.88
37805.13	413	184	300	0.469	36.4	17.7	11.1	55.8	0.7	12.87
37805.17	413	184	400	0.457	34.0	18.2	10.6	57.9	0.2	12.86
37805.21	413	184	500	0.476	31.8	20.5	9.9	60.2	2.1	12.85
37805.25	413	184	600	0.496	37.7	22.3	10.2	61.6	59.7	12.84
37805.29	413	184	700	0.354	56.8	25.4	13.4	61.4	221.3	12.86
37805.33	413	184	800	0.297	78.7	34.9	19.0	49.5	427.4	13.28
37805.38	413	184	900	0.427	224.5	73.9	22.7	31.1	215.9	13.32

37805.42	413	184	1000	0.538	211.7	81.6	24.1	24.6	639.7	13.24
37805.46	413	184	1100	0.547	171.0	93.1	25.3	24.0	814.0	13.20
37805.50	413	184	1200	0.721	299.2	96.6	25.6	24.7	935.0	13.18
37805.54	413	184	1300	0.712	256.2	94.4	26.5	23.7	955.0	13.18
37805.58	413	184	1400	0.826	139.9	95.0	27.3	23.0	896.0	13.18
37805.63	413	184	1500	0.767	210.2	94.2	27.9	21.6	801.0	13.17
37805.67	413	184	1600	0.654	286.1	98.4	28.3	21.3	669.0	13.14
37805.71	413	184	1700	0.569	281.0	89.4	27.9	22.4	502.7	13.14
37805.75	413	184	1800	0.316	310.8	76.6	26.0	27.5	191.9	13.16
37805.79	413	184	1900	0.368	6.8	38.3	21.9	38.2	11.0	13.07
37805.83	413	184	2000	0.472	24.9	14.7	17.9	55.9	2.1	13.02
37805.88	413	184	2100	0.521	38.0	17.0	15.8	60.8	-0.9	12.99
37805.92	413	184	2200	0.628	25.4	16.0	14.5	57.7	2.2	12.96
37805.96	413	184	2300	0.535	24.1	19.9	13.8	57.8	13.5	12.93
37806.00	413	184	2400	0.494	22.2	19.6	13.6	56.5	17.7	12.91
37806.04	413	185	100	0.475	29.9	30.6	13.2	57.8	14.3	12.90
37806.08	413	185	200	0.399	58.0	48.4	13.6	56.4	5.3	12.88
37806.13	413	185	300	0.288	46.3	48.4	13.0	59.6	2.3	12.87
37806.17	413	185	400	0.369	62.7	68.6	13.8	56.0	1.8	12.86
37806.21	413	185	500	0.304	41.6	41.6	13.6	54.4	12.5	12.86
37806.25	413	185	600	0.296	74.9	61.9	13.9	54.5	63.1	12.85
37806.29	413	185	700	0.406	80.4	47.9	17.4	47.8	215.3	12.88
37806.33	413	185	800	0.414	87.3	33.2	21.8	43.7	422.8	13.24
37806.38	413	185	900	0.358	162.6	69.4	25.8	33.6	220.2	13.26
37806.42	413	185	1000	0.529	219.9	90.6	27.0	27.9	657.3	13.19
37806.46	413	185	1100	0.575	211.6	99.2	28.4	25.5	826.0	13.15
37806.50	413	185	1200	0.648	208.4	97.0	29.1	22.6	940.0	13.13
37806.54	413	185	1300	0.704	172.5	88.7	29.9	18.3	964.0	13.13
37806.58	413	185	1400	0.714	221.7	86.1	30.6	17.0	911.0	13.12
37806.63	413	185	1500	0.648	274.8	93.6	31.5	14.3	814.0	13.10
37806.67	413	185	1600	0.502	219.1	80.7	31.6	14.9	684.6	13.09
37806.71	413	185	1700	0.517	340.9	76.5	31.2	16.7	517.0	13.09
37806.75	413	185	1800	0.276	329.3	53.6	28.3	24.3	197.7	13.11
37806.79	413	185	1900	0.461	16.0	20.4	23.7	38.0	9.2	13.03
37806.83	413	185	2000	0.538	30.7	15.3	19.7	53.9	0.4	13.00
37806.88	413	185	2100	0.513	36.1	17.8	17.8	57.0	-0.3	12.97
37806.92	413	185	2200	0.537	30.6	22.6	17.2	52.9	-1.0	12.94
37806.96	413	185	2300	0.555	30.7	20.4	16.4	54.4	0.9	12.92
37807.00	413	185	2400	0.515	32.6	19.1	15.9	55.1	6.0	12.90
37807.04	413	186	100	0.518	34.9	21.2	15.7	55.3	13.8	12.88
37807.08	413	186	200	0.512	30.5	28.0	15.6	53.5	21.7	12.88
37807.13	413	186	300	0.431	44.6	40.4	15.1	55.5	16.3	12.87
37807.17	413	186	400	0.259	49.2	54.6	14.8	56.5	12.9	12.86
37807.21	413	186	500	0.414	57.1	50.7	15.8	50.1	24.1	12.86
37807.25	413	186	600	0.634	64.1	34.5	17.0	48.3	62.3	12.86
37807.29	413	186	700	0.553	66.0	28.5	19.0	52.2	209.6	12.87
37807.33	413	186	800	0.275	75.7	48.2	23.5	49.6	419.8	13.19
37807.38	413	186	900	0.426	223.3	71.9	26.7	34.1	204.4	13.23
37807.42	413	186	1000	0.494	209.2	80.4	28.3	27.3	633.1	13.17
37807.46	413	186	1100	0.658	185.0	88.1	29.6	25.5	812.0	13.13
37807.50	413	186	1200	0.754	194.7	79.8	30.2	25.0	926.0	13.12
37807.54	413	186	1300	0.687	170.7	97.8	30.9	22.4	960.0	13.11

37807.58	413	186	1400	0.686	266.5	82.3	31.7	19.9	901.0	13.10
37807.63	413	186	1500	0.669	24.4	103.2	32.3	18.2	798.0	13.09
37807.67	413	186	1600	0.692	303.5	86.7	32.1	18.2	674.9	13.08
37807.71	413	186	1700	0.497	359.0	86.9	31.7	18.1	512.5	13.08
37807.75	413	186	1800	0.302	325.7	68.0	29.2	24.1	195.3	13.10
37807.79	413	186	1900	0.419	17.0	29.5	24.6	35.6	8.2	13.02
37807.83	413	186	2000	0.526	21.7	17.0	20.6	51.5	0.3	12.99
37807.88	413	186	2100	0.544	41.6	15.7	18.1	60.5	0.5	12.96
37807.92	413	186	2200	0.509	39.4	17.2	17.2	58.5	-1.3	12.93
37807.96	413	186	2300	0.508	39.9	14.6	16.2	56.7	0.9	12.91
37808.00	413	186	2400	0.474	36.5	16.4	15.6	55.6	7.8	12.89
37808.04	413	187	100	0.510	31.9	16.1	15.2	55.2	14.9	12.88
37808.08	413	187	200	0.459	30.9	20.2	15.0	55.4	19.6	12.87
37808.13	413	187	300	0.457	33.0	19.5	14.9	56.7	15.1	12.86
37808.17	413	187	400	0.366	46.4	41.7	15.1	57.1	10.3	12.85
37808.21	413	187	500	0.499	33.1	31.5	14.3	61.5	22.8	12.85
37808.25	413	187	600	0.464	31.7	21.7	14.0	67.0	62.3	12.85
37808.29	413	187	700	0.396	50.3	20.0	16.6	69.3	197.9	12.86
37808.33	413	187	800	0.233	70.2	34.3	21.9	56.7	409.5	13.21
37808.38	413	187	900	0.400	213.7	50.5	25.0	39.9	214.9	13.26
37808.42	413	187	1000	0.629	213.0	81.4	26.4	36.3	635.2	13.19
37808.46	413	187	1100	0.660	210.8	83.4	27.7	33.2	808.0	13.17
37808.50	413	187	1200	0.697	246.3	94.0	28.8	28.6	904.0	13.14
37808.54	413	187	1300	0.712	214.7	84.0	29.5	25.2	920.0	13.13
37808.58	413	187	1400	0.767	185.8	86.8	30.4	24.5	872.0	13.12
37808.63	413	187	1500	0.653	110.7	101.4	31.2	24.0	781.0	13.10
37808.67	413	187	1600	0.671	252.1	89.8	31.2	24.4	664.7	13.08
37808.71	413	187	1700	0.542	310.9	85.4	30.5	25.3	496.9	13.09
37808.75	413	187	1800	0.576	353.6	67.7	29.0	28.7	190.7	13.11
37808.79	413	187	1900	0.308	355.2	45.0	25.6	39.5	12.0	13.03
37808.83	413	187	2000	0.462	28.8	15.3	21.4	57.8	0.7	13.00
37808.88	413	187	2100	0.500	38.5	14.8	18.7	67.9	0.7	12.97
37808.92	413	187	2200	0.460	25.9	16.1	17.7	66.7	-1.2	12.94
37808.96	413	187	2300	0.439	35.5	13.8	16.3	70.4	0.7	12.92
37809.00	413	187	2400	0.523	31.8	16.8	15.5	72.2	5.6	12.89
37809.04	413	188	100	0.407	35.0	12.7	15.1	73.0	13.3	12.88
37809.08	413	188	200	0.409	28.1	14.6	14.7	74.7	21.5	12.87
37809.13	413	188	300	0.408	24.4	11.5	14.3	77.6	13.5	12.86
37809.17	413	188	400	0.438	24.5	11.6	13.7	79.0	9.2	12.86
37809.21	413	188	500	0.426	29.4	11.2	12.9	81.7	18.7	12.85
37809.25	413	188	600	0.401	33.9	14.1	13.0	82.4	61.7	12.84
37809.29	413	188	700	0.295	60.8	21.7	16.6	75.0	195.9	12.86
37809.33	413	188	800	0.272	163.9	73.9	21.3	56.8	405.3	13.21
37809.38	413	188	900	0.499	201.4	86.9	23.6	50.1	216.0	13.28
37809.42	413	188	1000	0.654	188.8	90.8	24.5	49.8	616.8	13.23
37809.46	413	188	1100	0.830	179.8	76.8	24.8	46.5	800.0	13.20
37809.50	413	188	1200	0.860	190.8	93.0	25.4	44.6	899.0	13.19
37809.54	413	188	1300	0.804	148.3	98.2	26.2	41.2	922.0	13.18
37809.58	413	188	1400	0.858	278.2	98.3	26.9	37.3	874.0	13.18
37809.63	413	188	1500	0.921	340.8	92.7	27.6	34.9	776.0	13.18
37809.67	413	188	1600	0.917	340.6	93.5	27.6	35.6	653.0	13.15
37809.71	413	188	1700	0.912	325.8	76.3	27.1	36.3	485.1	13.16

37809.75	413	188	1800	0.788	333.6	67.4	25.9	35.7	185.1	13.19
37809.79	413	188	1900	0.620	331.0	63.7	24.2	39.4	12.7	13.08
37809.83	413	188	2000	0.368	16.1	52.5	21.0	51.9	2.5	13.03
37809.88	413	188	2100	0.484	33.0	25.0	17.1	67.0	-0.2	13.00
37809.92	413	188	2200	0.485	31.6	26.8	15.5	69.8	0.4	12.97
37809.96	413	188	2300	0.525	35.9	27.6	13.9	73.9	8.3	12.94
37810.00	413	188	2400	0.543	43.4	20.7	13.2	75.0	18.3	12.92
37810.04	413	189	100	0.519	44.0	19.2	12.5	77.1	10.6	12.90
37810.08	413	189	200	0.446	38.1	19.3	11.7	78.3	2.7	12.88
37810.13	413	189	300	0.443	37.6	16.5	11.2	78.7	0.8	12.86
37810.17	413	189	400	0.468	27.5	14.4	10.6	79.2	0.1	12.85
37810.21	413	189	500	0.480	22.7	14.4	9.8	81.8	0.7	12.84
37810.25	413	189	600	0.455	30.3	14.9	9.9	82.6	53.9	12.83
37810.29	413	189	700	0.355	52.4	21.7	13.3	75.2	207.4	12.85
37810.33	413	189	800	0.252	104.4	69.9	18.9	56.7	416.7	13.26
37810.38	413	189	900	0.477	158.0	70.6	22.6	40.8	210.1	13.32
37810.42	413	189	1000	0.588	190.5	85.6	24.1	34.9	636.7	13.25
37810.46	413	189	1100	0.684	202.5	88.0	25.4	28.0	822.0	13.21
37810.50	413	189	1200	0.717	204.3	92.5	26.5	26.6	936.0	13.18
37810.54	413	189	1300	0.773	207.4	85.9	27.5	24.2	957.0	13.17
37810.58	413	189	1400	0.740	207.7	83.8	28.4	21.8	905.0	13.15
37810.63	413	189	1500	0.621	282.3	81.9	29.3	17.8	811.0	13.13
37810.67	413	189	1600	0.526	273.7	86.4	30.0	16.9	681.6	13.11
37810.71	413	189	1700	0.443	299.0	78.8	29.8	17.6	522.4	13.11
37810.75	413	189	1800	0.240	326.5	60.2	27.2	23.4	184.3	13.13
37810.79	413	189	1900	0.461	17.6	24.8	22.4	36.9	10.3	13.05
37810.83	413	189	2000	0.548	27.2	16.1	18.1	54.0	2.1	13.00
37810.88	413	189	2100	0.553	32.5	22.5	16.6	52.9	-0.7	12.97
37810.92	413	189	2200	0.596	30.0	25.9	15.8	46.6	1.7	12.94
37810.96	413	189	2300	0.527	28.2	24.6	14.7	46.1	11.1	12.92
37811.00	413	189	2400	0.360	41.5	39.9	14.6	44.5	17.9	12.90
37811.04	413	190	100	0.426	47.8	43.4	14.7	43.1	12.3	12.88
37811.08	413	190	200	0.541	75.0	46.1	15.7	37.8	11.0	12.87
37811.13	413	190	300	0.470	65.1	50.1	15.2	39.9	9.9	12.87
37811.17	413	190	400	0.458	69.2	49.1	15.7	39.1	7.3	12.86
37811.21	413	190	500	0.659	52.2	25.2	14.8	44.5	19.7	12.86
37811.25	413	190	600	0.576	56.9	34.8	15.2	46.6	62.3	12.85
37811.29	413	190	700	0.574	70.6	38.0	18.3	44.9	215.6	12.87
37811.33	413	190	800	0.428	84.1	43.5	23.1	37.4	431.3	13.21
37811.38	413	190	900	0.409	233.9	64.0	26.3	33.8	239.4	13.24
37811.42	413	190	1000	0.486	214.8	77.1	28.4	25.3	613.3	13.17
37811.46	413	190	1100	0.585	213.4	79.4	29.9	22.1	850.0	13.13
37811.50	413	190	1200	0.639	209.7	85.4	30.7	18.8	950.0	13.11
37811.54	413	190	1300	0.683	198.9	91.6	31.7	15.2	964.0	13.10
37811.58	413	190	1400	0.669	234.5	82.1	32.5	15.4	926.0	13.09
37811.63	413	190	1500	0.676	275.3	87.4	33.3	13.6	819.0	13.08
37811.67	413	190	1600	0.628	249.7	91.8	33.5	13.4	690.4	13.05
37811.71	413	190	1700	0.500	311.7	87.5	33.0	15.0	525.1	13.05
37811.75	413	190	1800	0.346	336.1	60.4	29.9	20.7	183.4	13.08
37811.79	413	190	1900	0.425	19.7	23.8	24.8	33.4	4.7	13.02
37811.83	413	190	2000	0.542	27.6	17.1	20.6	50.0	0.1	12.98
37811.88	413	190	2100	0.489	36.2	19.5	18.9	52.4	0.6	12.95

37811.92	413	190	2200	0.574	32.9	23.6	18.0	48.0	-1.5	12.92
37811.96	413	190	2300	0.581	39.2	30.3	17.6	45.0	1.1	12.90
37812.00	413	190	2400	0.452	31.0	24.1	16.8	47.1	3.3	12.88
37812.04	413	191	100	0.406	31.6	26.6	16.3	48.7	12.8	12.87
37812.08	413	191	200	0.534	46.3	28.0	16.5	49.1	14.8	12.87
37812.13	413	191	300	0.512	50.4	28.0	16.3	50.0	19.5	12.86
37812.17	413	191	400	0.419	32.0	27.9	15.6	53.8	21.9	12.85
37812.21	413	191	500	0.442	30.5	23.2	14.8	57.5	26.5	12.85
37812.25	413	191	600	0.510	42.4	25.5	15.1	60.0	60.1	12.84
37812.29	413	191	700	0.395	50.0	30.7	18.1	60.5	197.2	12.86
37812.33	413	191	800	0.280	66.6	21.4	22.9	56.7	412.7	13.19
37812.38	413	191	900	0.361	100.8	78.8	26.9	37.5	233.0	13.23
37812.42	413	191	1000	0.577	212.3	64.8	28.5	28.4	618.1	13.16
37812.46	413	191	1100	0.602	221.4	77.1	29.7	28.6	816.0	13.13
37812.50	413	191	1200	0.734	220.7	84.3	29.9	28.2	905.0	13.11
37812.54	413	191	1300	0.669	210.0	88.6	31.0	24.9	940.0	13.10
37812.58	413	191	1400	0.672	215.3	95.6	32.4	21.7	880.0	13.09
37812.63	413	191	1500	0.719	258.1	89.4	32.9	19.4	788.0	13.08
37812.67	413	191	1600	0.715	293.1	93.3	33.4	17.1	669.7	13.06
37812.71	413	191	1700	0.623	325.4	87.7	32.7	19.9	494.5	13.06
37812.75	413	191	1800	0.477	354.5	66.5	30.3	25.2	173.1	13.09
37812.79	413	191	1900	0.405	16.0	40.6	25.8	34.4	3.3	13.02
37812.83	413	191	2000	0.558	30.4	18.3	21.2	52.3	0.1	12.98
37812.88	413	191	2100	0.529	44.9	23.2	19.7	51.9	1.0	12.95
37812.92	413	191	2200	0.571	42.3	23.9	18.4	50.3	-1.2	12.93
37812.96	413	191	2300	0.665	41.0	21.7	17.7	48.9	0.6	12.90
37813.00	413	191	2400	0.422	33.7	32.4	17.6	47.9	4.9	12.88
37813.04	413	192	100	0.446	28.7	24.0	17.0	51.9	10.1	12.87
37813.08	413	192	200	0.480	37.1	32.8	17.2	50.5	16.5	12.86
37813.13	413	192	300	0.473	39.7	25.1	16.4	54.4	17.1	12.86
37813.17	413	192	400	0.433	33.3	21.0	15.6	57.6	18.2	12.85
37813.21	413	192	500	0.409	32.4	20.8	14.7	61.4	27.9	12.85
37813.25	413	192	600	0.440	31.8	18.8	14.6	65.8	58.5	12.84
37813.29	413	192	700	0.357	50.2	27.5	17.7	67.6	190.4	12.85
37813.33	413	192	800	0.219	82.7	36.3	23.3	55.1	410.7	13.17
37813.38	413	192	900	0.369	208.4	57.3	26.7	40.5	226.4	13.22
37813.42	413	192	1000	0.567	203.1	83.3	28.5	34.0	633.5	13.16
37813.46	413	192	1100	0.553	193.0	86.5	29.7	29.7	810.0	13.13
37813.50	413	192	1200	0.696	200.0	85.7	30.8	24.5	927.0	13.11
37813.54	413	192	1300	0.701	213.2	90.7	31.9	18.2	960.0	13.09
37813.58	413	192	1400	0.689	302.5	91.9	32.7	17.9	892.0	13.08
37813.63	413	192	1500	0.622	174.9	99.5	33.1	18.4	788.0	13.07
37813.67	413	192	1600	0.562	255.5	97.3	33.1	18.3	672.5	13.05
37813.71	413	192	1700	0.541	321.8	80.4	32.8	17.7	508.4	13.05
37813.75	413	192	1800	0.297	313.5	61.0	29.9	24.3	171.8	13.08
37813.79	413	192	1900	0.427	13.1	28.6	25.0	38.9	0.8	13.01
37813.83	413	192	2000	0.536	29.0	12.8	21.3	54.0	0.1	12.97
37813.88	413	192	2100	0.461	35.9	16.1	19.6	55.5	1.1	12.95
37813.92	413	192	2200	0.453	31.9	19.1	18.8	53.6	-1.3	12.92
37813.96	413	192	2300	0.461	29.8	18.2	17.7	53.7	0.4	12.90
37814.00	413	192	2400	0.438	32.7	17.9	17.0	54.6	3.9	12.88
37814.04	413	193	100	0.285	38.8	37.2	16.3	56.3	12.9	12.86

37814.08	413	193	200	0.335	30.5	33.0	16.0	55.2	15.6	12.86
37814.13	413	193	300	0.385	28.7	24.1	15.8	58.4	20.2	12.85
37814.17	413	193	400	0.495	38.9	26.0	15.6	61.9	19.9	12.85
37814.21	413	193	500	0.430	37.8	20.6	15.2	64.1	25.1	12.84
37814.25	413	193	600	0.443	37.0	18.0	15.0	66.9	58.4	12.84
37814.29	413	193	700	0.410	64.0	25.6	17.6	66.6	179.6	12.85
37814.33	413	193	800	0.249	79.5	32.1	22.9	56.7	405.1	13.17
37814.38	413	193	900	0.493	243.8	84.7	26.2	33.7	231.9	13.24
37814.42	413	193	1000	0.549	288.2	97.0	27.4	29.9	614.9	13.19
37814.46	413	193	1100	0.726	314.8	100.7	28.4	28.8	793.0	13.15
37814.50	413	193	1200	0.699	162.4	97.1	29.4	27.6	900.0	13.13
37814.54	413	193	1300	0.719	276.8	93.4	30.0	26.1	920.0	13.13
37814.58	413	193	1400	0.748	310.7	98.4	30.7	25.7	865.0	13.11
37814.63	413	193	1500	0.819	340.0	96.7	31.4	25.1	781.0	13.11
37814.67	413	193	1600	0.806	4.7	93.4	31.5	23.1	662.8	13.09
37814.71	413	193	1700	0.829	346.5	80.2	30.8	24.6	489.1	13.10
37814.75	413	193	1800	0.605	348.2	73.6	29.3	28.1	171.1	13.12
37814.79	413	193	1900	0.417	345.2	61.3	26.9	33.8	5.3	13.03
37814.83	413	193	2000	0.432	23.7	26.9	22.6	50.4	1.1	13.00
37814.88	413	193	2100	0.484	22.3	17.2	19.7	60.0	0.9	12.97
37814.92	413	193	2200	0.508	34.4	24.4	18.2	63.1	-0.5	12.94
37814.96	413	193	2300	0.463	24.5	23.5	17.2	66.0	1.1	12.92
37815.00	413	193	2400	0.454	33.0	25.7	16.3	70.8	6.0	12.89
37815.04	413	194	100	0.461	27.7	16.0	15.5	73.4	17.8	12.88
37815.08	413	194	200	0.482	30.2	16.4	14.6	75.8	16.8	12.87
37815.13	413	194	300	0.524	18.1	11.5	13.5	78.9	9.2	12.86
37815.17	413	194	400	0.539	39.1	17.1	12.7	81.7	2.9	12.84
37815.21	413	194	500	0.538	45.5	14.9	12.2	77.3	3.9	12.83
37815.25	413	194	600	0.442	39.3	14.6	12.2	78.2	55.9	12.83
37815.29	413	194	700	0.502	61.1	20.4	15.1	72.8	178.0	12.84
37815.33	413	194	800	0.284	94.6	79.1	20.5	56.0	410.2	13.20
37815.38	413	194	900	0.474	205.7	71.9	23.1	40.0	233.2	13.30
37815.42	413	194	1000	0.608	195.0	70.2	24.6	31.3	604.2	13.24
37815.46	413	194	1100	0.634	240.8	90.9	26.1	26.7	806.0	13.19
37815.50	413	194	1200	0.631	198.6	88.3	26.9	26.3	911.0	13.17
37815.54	413	194	1300	0.687	214.9	90.3	27.7	25.8	922.0	13.14
37815.58	413	194	1400	0.787	203.4	86.9	28.5	24.5	877.0	13.13
37815.63	413	194	1500	0.695	302.1	89.7	29.4	21.6	782.0	13.13
37815.67	413	194	1600	0.592	158.4	98.1	29.9	19.8	663.8	13.11
37815.71	413	194	1700	0.430	286.9	79.5	29.7	20.9	498.3	13.11
37815.75	413	194	1800	0.330	304.6	60.4	27.1	25.8	176.9	13.13
37815.79	413	194	1900	0.406	10.7	27.9	22.9	35.4	5.1	13.04
37815.83	413	194	2000	0.429	28.3	20.5	19.4	49.1	2.8	13.00
37815.88	413	194	2100	0.471	33.9	30.6	18.4	46.1	-0.4	12.96
37815.92	413	194	2200	0.472	41.8	37.8	17.7	43.8	0.9	12.94
37815.96	413	194	2300	0.431	37.6	37.1	17.0	42.9	7.9	12.91
37816.00	413	194	2400	0.470	38.4	33.5	16.2	44.9	19.1	12.90
37816.04	413	195	100	0.355	57.1	51.3	16.2	46.0	13.7	12.88
37816.08	413	195	200	0.621	53.8	27.6	16.6	47.6	11.8	12.87
37816.13	413	195	300	0.819	54.1	24.5	16.8	49.3	12.6	12.87
37816.17	413	195	400	0.996	52.2	40.0	21.1	34.9	13.5	12.86
37816.21	413	195	500	0.989	51.5	39.6	21.0	34.3	25.8	12.87

37816.25	413	195	600	1.307	55.9	42.4	22.3	31.5	58.8	12.87
37816.29	413	195	700	1.249	53.3	48.9	23.4	31.5	168.9	12.88
37816.33	413	195	800	1.094	52.8	47.8	25.6	29.9	407.9	13.16
37816.38	413	195	900	1.083	55.6	52.1	27.7	28.2	241.6	13.24
37816.42	413	195	1000	0.633	48.2	93.1	29.6	26.4	645.4	13.17
37816.46	413	195	1100	0.692	160.7	88.4	30.3	26.2	794.0	13.13
37816.50	413	195	1200	0.704	206.5	86.6	31.4	22.0	899.0	13.11
37816.54	413	195	1300	0.745	180.1	90.8	32.3	20.7	919.0	13.10
37816.58	413	195	1400	0.702	213.5	89.4	33.1	20.3	867.0	13.08
37816.63	413	195	1500	0.659	243.8	84.0	33.4	20.5	778.0	13.06
37816.67	413	195	1600	0.576	307.2	93.2	33.6	21.2	666.2	13.05
37816.71	413	195	1700	0.435	305.1	90.5	33.2	20.9	494.9	13.05
37816.75	413	195	1800	0.358	347.1	69.1	30.4	25.8	174.8	13.07
37816.79	413	195	1900	0.382	14.4	28.7	25.7	37.5	0.8	13.01
37816.83	413	195	2000	0.513	36.5	18.0	21.6	54.2	0.3	12.97
37816.88	413	195	2100	0.515	36.3	21.6	20.1	52.3	1.0	12.95
37816.92	413	195	2200	0.503	27.1	23.6	19.3	48.3	0.0	12.92
37816.96	413	195	2300	0.498	28.5	17.3	18.0	52.1	1.6	12.89
37817.00	413	195	2400	0.474	28.3	16.2	17.5	52.6	7.8	12.88
37817.04	413	196	100	0.461	28.7	20.4	16.9	54.3	12.8	12.87
37817.08	413	196	200	0.477	34.7	22.6	16.7	55.4	21.1	12.86
37817.13	413	196	300	0.437	32.5	24.9	16.6	56.8	15.3	12.85
37817.17	413	196	400	0.436	35.8	29.2	16.4	58.7	13.2	12.85
37817.21	413	196	500	0.381	37.8	29.9	16.3	60.7	21.9	12.84
37817.25	413	196	600	0.397	41.6	19.9	16.1	65.1	56.7	12.84
37817.29	413	196	700	0.366	56.9	26.6	18.6	65.6	159.5	12.85
37817.33	413	196	800	0.180	68.4	30.4	23.9	56.4	396.9	13.16
37817.38	413	196	900	0.414	191.5	74.4	27.4	37.7	252.8	13.23
37817.42	413	196	1000	0.525	209.7	88.4	29.0	30.3	608.7	13.16
37817.46	413	196	1100	0.645	199.1	93.4	29.5	30.3	791.0	13.13
37817.50	413	196	1200	0.695	238.6	93.0	30.5	28.0	893.0	13.11
37817.54	413	196	1300	0.760	152.1	100.1	31.2	27.0	909.0	13.10
37817.58	413	196	1400	0.761	139.9	95.0	31.7	25.8	858.0	13.10
37817.63	413	196	1500	0.667	123.8	101.2	32.5	24.2	774.0	13.08
37817.67	413	196	1600	0.666	324.9	97.5	32.5	22.0	656.0	13.07
37817.71	413	196	1700	0.565	56.5	89.7	31.7	24.2	487.6	13.08
37817.75	413	196	1800	0.397	351.0	80.8	29.1	29.1	169.0	13.09
37817.79	413	196	1900	0.336	8.6	42.2	25.3	36.8	4.3	13.02
37817.83	413	196	2000	0.484	34.8	16.9	21.4	53.6	1.3	12.98
37817.88	413	196	2100	0.411	33.1	20.6	20.3	54.4	0.7	12.95
37817.92	413	196	2200	0.421	27.6	26.0	19.4	57.8	0.1	12.93
37817.96	413	196	2300	0.436	24.8	24.0	18.5	59.8	1.3	12.90
37818.00	413	196	2400	0.357	32.2	34.6	18.0	60.7	5.0	12.88
37818.04	413	197	100	0.442	29.4	30.4	17.4	61.7	12.4	12.87
37818.08	413	197	200	0.473	33.1	26.0	17.0	61.6	17.0	12.86
37818.13	413	197	300	0.480	43.7	32.5	16.4	60.4	17.9	12.85
37818.17	413	197	400	0.462	36.9	27.7	15.9	60.1	11.1	12.85
37818.21	413	197	500	0.438	33.7	26.3	15.2	63.6	19.5	12.84
37818.25	413	197	600	0.438	37.0	28.3	15.5	66.7	55.0	12.84
37818.29	413	197	700	0.405	59.6	30.0	18.0	68.1	159.9	12.85
37818.33	413	197	800	0.281	78.2	32.0	23.3	57.5	406.5	13.16
37818.38	413	197	900	0.374	211.8	55.8	26.7	42.8	258.2	13.24

37818.42	413	197	1000	0.579	201.5	84.2	28.8	31.6	641.0	13.17
37818.46	413	197	1100	0.623	195.5	84.4	29.8	27.4	814.0	13.13
37818.50	413	197	1200	0.668	202.5	85.4	30.5	25.7	922.0	13.11
37818.54	413	197	1300	0.662	230.5	98.9	31.5	23.8	955.0	13.09
37818.58	413	197	1400	0.752	201.7	101.7	32.4	20.9	886.0	13.08
37818.63	413	197	1500	0.751	201.1	99.3	32.9	19.0	790.0	13.07
37818.67	413	197	1600	0.635	217.3	101.8	33.1	18.7	670.1	13.05
37818.71	413	197	1700	0.406	250.0	96.5	32.7	20.8	501.7	13.05
37818.75	413	197	1800	0.289	328.0	69.6	29.4	27.4	161.4	13.07
37818.79	413	197	1900	0.412	13.8	23.4	24.9	37.4	2.0	13.01
37818.83	413	197	2000	0.556	34.1	18.7	20.8	53.5	1.0	12.97
37818.88	413	197	2100	0.561	31.9	24.3	19.3	50.4	0.5	12.94
37818.92	413	197	2200	0.475	20.9	26.2	18.3	44.1	-0.1	12.91
37818.96	413	197	2300	0.436	21.8	24.2	17.4	43.6	4.3	12.89
37819.00	413	197	2400	0.366	31.7	31.4	17.0	45.1	11.6	12.87
37819.04	413	198	100	0.462	56.1	42.2	17.5	43.0	21.3	12.86
37819.08	413	198	200	0.545	82.8	49.2	18.3	38.4	21.0	12.85
37819.13	413	198	300	0.258	57.7	57.2	17.0	42.1	16.4	12.85
37819.17	413	198	400	0.385	77.2	58.3	17.6	38.6	10.5	12.84
37819.21	413	198	500	0.383	90.9	53.8	17.5	40.1	17.9	12.84
37819.25	413	198	600	0.451	77.2	46.9	17.5	41.9	56.0	12.84
37819.29	413	198	700	0.447	74.6	36.2	19.2	45.5	168.0	12.85
37819.33	413	198	800	0.313	79.5	53.1	23.6	42.8	417.1	13.16
37819.38	413	198	900	0.337	136.2	87.5	28.0	35.0	264.8	13.23
37819.42	413	198	1000	0.510	209.6	60.8	30.9	18.8	676.7	13.14
37819.46	413	198	1100	0.569	206.5	76.8	32.8	15.7	835.0	13.10
37819.50	413	198	1200	0.782	216.1	91.9	33.5	13.5	939.0	13.07
37819.54	413	198	1300	0.710	255.7	95.3	34.3	14.0	964.0	13.05
37819.58	413	198	1400	0.706	274.2	91.5	35.1	13.6	901.0	13.04
37819.63	413	198	1500	0.627	173.1	97.5	35.5	13.7	794.0	13.03
37819.67	413	198	1600	0.611	354.7	93.0	35.6	14.1	678.4	13.03
37819.71	413	198	1700	0.546	333.9	87.6	34.9	15.5	504.5	13.03
37819.75	413	198	1800	0.350	331.2	66.6	31.6	21.4	167.6	13.04
37819.79	413	198	1900	0.394	21.0	30.4	26.8	33.0	4.1	12.98
37819.83	413	198	2000	0.585	35.7	17.4	22.6	48.9	1.7	12.96
37819.88	413	198	2100	0.594	27.6	22.7	20.8	44.9	0.8	12.92
37819.92	413	198	2200	0.350	31.0	37.0	19.9	40.2	0.1	12.89
37819.96	413	198	2300	0.367	31.7	34.7	19.3	38.9	0.1	12.88
37820.00	413	198	2400	0.361	45.6	48.2	19.2	37.9	2.3	12.86
37820.04	413	199	100	0.476	31.0	27.1	18.5	39.6	9.5	12.85
37820.08	413	199	200	0.570	46.8	31.3	18.2	39.9	13.1	12.85
37820.13	413	199	300	0.488	40.5	29.9	18.8	38.2	12.8	12.84
37820.17	413	199	400	0.446	38.1	29.0	18.2	41.8	13.0	12.84
37820.21	413	199	500	0.486	47.5	34.9	18.1	43.3	26.0	12.84
37820.25	413	199	600	0.506	89.9	47.3	19.1	42.5	54.5	12.83
37820.29	413	199	700	0.478	70.9	38.2	21.3	45.8	164.0	12.85
37820.33	413	199	800	0.266	64.0	28.3	24.8	49.5	400.7	13.13
37820.38	413	199	900	0.301	85.5	55.6	29.7	39.1	257.4	13.21
37820.42	413	199	1000	0.452	192.1	76.4	32.5	23.1	640.5	13.12
37820.46	413	199	1100	0.593	173.4	91.1	33.7	19.4	805.0	13.08
37820.50	413	199	1200	0.581	230.0	81.9	34.6	18.5	904.0	13.05
37820.54	413	199	1300	0.772	232.1	93.5	35.2	17.7	933.0	13.03

37820.58	413	199	1400	0.681	250.8	98.1	36.2	16.4	869.0	13.03
37820.63	413	199	1500	0.672	313.3	97.2	36.4	16.4	781.0	13.03
37820.67	413	199	1600	0.675	332.5	101.4	36.5	16.8	667.4	13.01
37820.71	413	199	1700	0.441	335.2	84.1	35.7	19.3	492.9	13.01
37820.75	413	199	1800	0.387	356.0	63.0	32.7	23.7	164.9	13.02
37820.79	413	199	1900	0.406	15.2	34.4	28.3	34.1	13.7	12.97
37820.83	413	199	2000	0.532	31.9	15.6	23.9	49.5	1.0	12.95
37820.88	413	199	2100	0.491	40.1	21.5	22.0	49.4	0.9	12.91
37820.92	413	199	2200	0.582	28.2	23.2	21.1	44.9	0.2	12.89
37820.96	413	199	2300	0.573	22.5	18.9	20.0	45.6	0.2	12.87
37821.00	413	199	2400	0.507	23.5	23.3	19.3	47.3	1.4	12.86
37821.04	413	200	100	0.391	37.1	38.0	19.2	46.8	4.8	12.85
37821.08	413	200	200	0.454	58.9	44.0	19.6	43.4	13.8	12.84
37821.13	413	200	300	0.516	75.2	56.2	21.2	35.1	15.4	12.84
37821.17	413	200	400	0.624	59.6	33.5	20.1	40.4	9.1	12.84
37821.21	413	200	500	0.455	47.8	32.8	20.0	43.1	17.5	12.84
37821.25	413	200	600	0.494	43.6	23.2	18.8	50.5	50.8	12.83
37821.29	413	200	700	0.797	50.8	23.2	20.5	55.0	156.3	12.84
37821.33	413	200	800	0.798	53.0	38.1	27.6	32.5	375.1	13.12
37821.38	413	200	900	0.749	44.4	88.1	31.6	26.3	255.7	13.21
37821.42	413	200	1000	0.403	198.0	81.7	32.8	24.3	606.4	13.13
37821.46	413	200	1100	0.483	216.3	85.5	34.7	22.4	782.0	13.08
37821.50	413	200	1200	0.623	186.1	86.3	35.7	19.0	882.0	13.04
37821.54	413	200	1300	0.784	265.1	77.0	36.3	14.8	890.0	13.03
37821.58	413	200	1400	0.714	263.4	84.1	37.1	13.4	856.0	13.02
37821.63	413	200	1500	0.663	179.1	84.8	37.3	13.3	776.0	13.01
37821.67	413	200	1600	0.558	264.7	93.1	37.3	13.1	655.7	13.00
37821.71	413	200	1700	0.377	340.7	76.9	35.8	18.0	394.4	13.00
37821.75	413	200	1800	0.252	4.6	35.1	31.6	37.1	168.4	13.07
37821.79	413	200	1900	0.319	6.8	58.0	29.9	41.8	56.5	13.03
37821.83	413	200	2000	0.469	25.2	17.7	26.0	58.0	0.9	12.97
37821.88	413	200	2100	0.549	35.4	15.0	22.8	65.9	0.3	12.94
37821.92	413	200	2200	0.446	23.4	19.5	21.7	63.1	1.0	12.91
37821.96	413	200	2300	0.479	32.8	19.5	20.5	66.5	-0.1	12.89
37822.00	413	200	2400	0.471	33.6	21.9	20.6	59.9	0.1	12.87
37822.04	413	201	100	0.448	25.6	19.5	20.0	60.0	1.1	12.86
37822.08	413	201	200	0.472	38.5	25.5	20.1	58.4	4.2	12.85
37822.13	413	201	300	0.363	29.0	34.0	19.7	57.9	6.1	12.84
37822.17	413	201	400	0.429	33.3	27.3	19.6	57.5	9.4	12.84
37822.21	413	201	500	0.423	26.7	17.4	18.5	63.2	14.5	12.83
37822.25	413	201	600	0.385	32.4	27.0	18.7	64.8	47.6	12.83
37822.29	413	201	700	0.544	45.7	27.6	20.6	66.8	161.4	12.88
37822.33	413	201	800	0.333	63.4	42.9	26.3	58.4	356.4	13.24
37822.38	413	201	900	0.428	81.5	90.4	27.6	54.3	276.4	13.24
37822.42	413	201	1000	0.326	28.9	72.6	28.4	56.6	304.8	13.23
37822.46	413	201	1100	0.472	210.5	80.4	32.7	32.4	746.0	13.15
37822.50	413	201	1200	0.637	178.9	94.3	35.6	24.2	814.0	13.09
37822.54	413	201	1300	0.656	233.4	85.4	36.1	22.4	861.0	13.05
37822.58	413	201	1400	0.546	271.2	85.7	36.3	22.3	585.2	13.03
37822.63	413	201	1500	0.590	290.6	70.7	36.2	22.9	671.3	13.03
37822.67	413	201	1600	0.581	293.8	94.0	36.9	21.7	598.3	13.02
37822.71	413	201	1700	0.417	330.2	87.3	35.8	26.1	437.7	13.03

37822.75	413	201	1800	0.307	354.8	53.6	32.1	36.8	139.5	13.03
37822.79	413	201	1900	0.371	23.8	20.6	28.8	52.0	38.5	12.98
37822.83	413	201	2000	0.535	30.8	18.7	26.0	59.9	1.4	12.96
37822.88	413	201	2100	0.447	45.5	30.5	24.5	58.3	0.4	12.92
37822.92	413	201	2200	0.371	29.4	34.1	24.1	54.5	2.0	12.90
37822.96	413	201	2300	0.464	25.7	22.2	22.4	58.9	0.0	12.89
37823.00	413	201	2400	0.397	48.1	38.5	22.4	56.1	-0.1	12.88
37823.04	413	202	100	0.346	25.8	35.7	21.6	57.4	0.4	12.86
37823.08	413	202	200	0.358	30.0	35.0	21.2	56.9	0.3	12.85
37823.13	413	202	300	0.379	25.0	21.8	20.7	57.5	2.7	12.85
37823.17	413	202	400	0.409	32.1	22.2	19.8	62.5	4.8	12.84
37823.21	413	202	500	0.417	32.8	15.3	18.9	67.3	13.8	12.84
37823.25	413	202	600	0.436	32.5	24.8	19.4	66.2	47.1	12.83
37823.29	413	202	700	0.320	48.5	28.7	21.7	66.0	149.0	12.84
37823.33	413	202	800	0.205	78.5	35.1	26.5	57.1	354.8	13.10
37823.38	413	202	900	0.309	191.8	83.7	29.7	44.9	285.9	13.20
37823.42	413	202	1000	0.575	211.4	80.4	31.0	36.6	585.3	13.13
37823.46	413	202	1100	0.607	194.1	72.1	32.0	34.2	751.0	13.10
37823.50	413	202	1200	0.722	219.1	85.7	32.8	32.6	740.0	13.07
37823.54	413	202	1300	0.645	233.2	97.2	33.8	30.4	892.0	13.06
37823.58	413	202	1400	0.652	250.9	86.0	34.8	28.8	801.0	13.04
37823.63	413	202	1500	0.584	236.8	84.9	35.3	27.5	736.0	13.03
37823.67	413	202	1600	0.628	231.2	82.0	35.4	27.7	609.4	13.03
37823.71	413	202	1700	0.436	256.8	97.7	35.2	29.0	460.0	13.03
37823.75	413	202	1800	0.239	317.4	63.9	32.5	36.0	151.4	13.03
37823.79	413	202	1900	0.283	10.6	39.1	28.6	49.3	5.4	12.97
37823.83	413	202	2000	0.496	31.5	18.7	25.2	63.8	0.1	12.96
37823.88	413	202	2100	0.542	39.6	20.1	23.4	64.0	1.3	12.92
37823.92	413	202	2200	0.505	35.6	26.1	22.6	61.3	0.4	12.90
37823.96	413	202	2300	0.461	28.6	16.7	22.3	60.8	-0.2	12.88
37824.00	413	202	2400	0.441	33.2	17.3	21.4	65.1	0.2	12.86
37824.04	413	203	100	0.404	23.4	19.2	21.3	64.1	0.8	12.85
37824.08	413	203	200	0.470	36.1	22.8	21.0	64.6	0.1	12.85
37824.13	413	203	300	0.503	33.9	19.8	20.3	66.9	3.0	12.84
37824.17	413	203	400	0.426	34.2	23.6	20.2	66.9	5.4	12.84
37824.21	413	203	500	0.468	34.0	30.2	20.4	65.8	13.1	12.83
37824.25	413	203	600	0.364	40.1	35.7	20.3	68.0	45.5	12.82
37824.29	413	203	700	0.430	61.0	40.5	22.7	66.4	147.8	12.84
37824.33	413	203	800	0.203	68.3	39.5	26.8	61.0	344.6	13.09
37824.38	413	203	900	0.243	181.2	70.1	30.4	52.2	328.8	13.18
37824.42	413	203	1000	0.506	210.3	74.8	32.9	35.9	593.8	13.11
37824.46	413	203	1100	0.579	201.9	93.4	34.3	32.6	754.0	13.07
37824.50	413	203	1200	0.709	196.7	69.2	35.2	30.2	831.0	13.03
37824.54	413	203	1300	0.772	200.6	82.1	36.0	28.7	867.0	13.03
37824.58	413	203	1400	0.709	258.6	88.9	37.0	25.7	799.0	13.02
37824.63	413	203	1500	0.560	279.8	102.2	37.5	25.3	739.0	13.00
37824.67	413	203	1600	0.549	218.9	87.4	37.8	24.1	607.5	12.99
37824.71	413	203	1700	0.418	256.2	88.1	36.7	27.1	455.5	13.00
37824.75	413	203	1800	0.332	319.2	63.8	33.8	32.2	164.6	13.01
37824.79	413	203	1900	0.342	19.0	30.4	30.1	47.9	40.9	12.97
37824.83	413	203	2000	0.458	24.1	28.4	27.4	61.0	2.7	12.93
37824.88	413	203	2100	0.487	41.7	20.0	25.5	63.9	0.1	12.90

37824.92	413	203	2200	0.423	26.8	20.6	24.8	62.4	1.6	12.89
37824.96	413	203	2300	0.415	24.7	21.9	23.8	65.0	1.0	12.88
37825.00	413	203	2400	0.447	23.1	13.3	22.9	68.1	-0.4	12.86
37825.04	413	204	100	0.454	28.3	22.2	22.4	68.8	0.2	12.85
37825.08	413	204	200	0.478	28.7	18.7	22.0	68.7	0.5	12.85
37825.13	413	204	300	0.431	29.1	15.1	21.5	69.1	0.5	12.85
37825.17	413	204	400	0.428	31.9	18.1	21.5	68.5	2.2	12.83
37825.21	413	204	500	0.401	33.2	26.2	21.5	68.3	3.3	12.82
37825.25	413	204	600	0.351	32.4	28.8	21.3	70.2	39.2	12.82
37825.29	413	204	700	0.328	71.9	46.1	24.0	66.3	143.8	12.83
37825.33	413	204	800	0.233	62.7	30.2	27.5	63.9	325.0	13.07
37825.38	413	204	900	0.404	201.0	49.7	30.7	47.9	351.5	13.18
37825.42	413	204	1000	0.479	279.8	93.9	32.6	38.5	600.5	13.11
37825.46	413	204	1100	0.627	206.3	79.6	34.0	35.2	750.0	13.07
37825.50	413	204	1200	0.643	246.9	94.2	35.1	31.9	785.0	13.04
37825.54	413	204	1300	0.678	179.7	86.7	36.1	30.2	803.0	13.03
37825.58	413	204	1400	0.681	258.2	99.4	36.6	29.5	806.0	13.02
37825.63	413	204	1500	0.791	243.7	97.8	36.7	28.7	751.0	13.00
37825.67	413	204	1600	0.783	326.6	77.4	35.9	29.5	597.8	13.00
37825.71	413	204	1700	0.756	324.0	77.9	34.8	30.9	398.3	13.01
37825.75	413	204	1800	0.348	355.0	63.6	31.0	40.8	61.0	13.00
37825.79	413	204	1900	0.310	25.1	43.0	28.7	51.2	2.6	12.96
37825.83	413	204	2000	0.218	351.7	68.4	26.9	57.4	0.0	12.93
37825.88	413	204	2100	0.315	13.6	50.6	25.2	62.9	0.3	12.90
37825.92	413	204	2200	0.185	11.1	43.2	24.2	64.4	2.0	12.89
37825.96	413	204	2300	0.451	35.6	32.1	22.9	66.9	0.5	12.87
37826.00	413	204	2400	0.389	43.5	45.6	25.4	52.2	-0.3	12.86
37826.04	413	205	100	0.392	37.8	41.4	24.4	56.0	0.3	12.86
37826.08	413	205	200	0.352	27.1	18.2	22.0	66.4	0.3	12.85
37826.13	413	205	300	0.377	26.4	24.3	21.3	69.3	0.1	12.84
37826.17	413	205	400	0.392	29.8	16.4	21.1	73.8	1.4	12.83
37826.21	413	205	500	0.458	56.2	37.0	21.6	73.4	1.5	12.83
37826.25	413	205	600	0.387	50.5	35.3	22.3	70.5	39.8	12.83
37826.29	413	205	700	0.378	40.3	33.7	22.7	71.9	69.6	12.89
37826.33	413	205	800	0.235	34.9	62.5	24.8	68.1	140.7	13.10
37826.38	413	205	900	0.350	343.7	91.8	25.3	68.9	151.4	13.22
37826.42	413	205	1000	0.209	259.3	68.4	25.2	72.6	217.3	13.33
37826.46	413	205	1100	0.326	229.2	63.5	27.5	55.1	359.0	13.28
37826.50	413	205	1200	0.164	313.7	78.8	25.9	66.5	128.5	13.21
37826.54	413	205	1300	0.518	24.2	59.3	25.0	71.0	236.5	13.31
37826.58	413	205	1400	0.351	20.8	48.9	27.3	58.3	295.2	13.29
37826.63	413	205	1500	0.209	281.8	83.8	27.9	57.5	375.9	13.26
37826.67	413	205	1600	0.240	231.3	59.7	28.6	50.7	246.9	13.22
37826.71	413	205	1700	0.298	24.8	57.1	27.8	56.8	245.3	13.23
37826.75	413	205	1800	0.270	31.9	26.9	28.1	57.4	181.8	13.23
37826.79	413	205	1900	0.186	11.1	28.9	26.4	69.9	44.0	13.13
37826.83	413	205	2000	0.426	43.7	14.6	23.4	81.2	2.7	13.08
37826.88	413	205	2100	0.399	43.2	20.5	21.3	78.6	0.0	13.04
37826.92	413	205	2200	0.484	33.9	21.6	20.2	77.8	0.9	13.01
37826.96	413	205	2300	0.466	31.2	30.3	20.6	72.6	1.7	12.99
37827.00	413	205	2400	0.433	38.2	26.3	20.4	72.4	3.5	12.98
37827.04	413	206	100	0.454	38.6	20.8	19.8	75.5	8.1	12.96

37827.08	413	206	200	0.393	34.4	19.1	19.8	75.6	13.1	12.95
37827.13	413	206	300	0.182	39.0	30.5	20.1	74.8	12.6	12.94
37827.17	413	206	400	0.264	39.9	40.5	20.6	71.9	11.3	12.94
37827.21	413	206	500	0.295	20.9	10.3	20.0	76.2	14.1	12.93
37827.25	413	206	600	0.385	31.1	21.3	19.4	79.7	41.8	12.93
37827.29	413	206	700	0.303	48.0	20.9	21.2	78.3	128.1	12.92
37827.33	413	206	800	0.243	130.0	81.8	24.9	63.3	324.2	13.20
37827.38	413	206	900	0.440	207.8	65.1	27.2	51.1	375.1	13.26
37827.42	413	206	1000	0.582	191.2	76.9	29.0	43.7	612.7	13.19
37827.46	413	206	1100	0.651	205.3	96.5	30.1	38.2	760.0	13.14
37827.50	413	206	1200	0.710	234.0	84.4	30.6	37.4	848.0	13.13
37827.54	413	206	1300	0.745	283.6	98.2	31.5	34.6	812.0	13.11
37827.58	413	206	1400	0.555	297.8	101.6	31.0	35.9	574.8	13.11
37827.63	413	206	1500	0.609	31.5	95.5	31.2	33.7	474.3	13.12
37827.67	413	206	1600	0.872	355.2	92.5	31.1	33.0	614.1	13.12
37827.71	413	206	1700	0.626	343.4	74.5	30.0	33.6	446.6	13.12
37827.75	413	206	1800	0.628	19.9	51.6	29.2	33.3	169.1	13.13
37827.79	413	206	1900	0.394	29.0	27.9	24.8	54.2	5.1	13.04
37827.83	413	206	2000	0.421	40.2	27.8	22.1	63.9	3.2	13.00
37827.88	413	206	2100	0.453	46.4	31.5	21.0	62.5	-0.3	12.97
37827.92	413	206	2200	0.472	46.7	23.2	20.3	63.6	1.1	12.94
37827.96	413	206	2300	0.431	30.5	21.1	19.4	66.4	2.9	12.93
37828.00	413	206	2400	0.454	31.3	18.1	18.9	68.3	11.2	12.92
37828.04	413	207	100	0.499	33.9	21.0	17.9	70.2	13.9	12.90
37828.08	413	207	200	0.500	34.2	17.4	17.2	70.8	17.4	12.89
37828.13	413	207	300	0.503	53.4	18.2	17.1	70.2	8.4	12.88
37828.17	413	207	400	0.441	34.0	15.8	16.4	73.4	6.8	12.88
37828.21	413	207	500	0.421	31.7	14.5	16.4	74.6	6.1	12.86
37828.25	413	207	600	0.380	31.0	24.8	16.7	74.4	41.9	12.85
37828.29	413	207	700	0.356	47.2	28.1	17.6	76.4	120.4	12.85
37828.33	413	207	800	0.167	91.1	44.5	22.8	63.1	310.3	13.16
37828.38	413	207	900	0.387	215.8	47.9	26.5	47.9	413.7	13.30
37828.42	413	207	1000	0.548	210.9	63.8	28.4	38.0	636.1	13.20
37828.46	413	207	1100	0.642	213.0	82.2	29.8	35.1	785.0	13.14
37828.50	413	207	1200	0.680	179.6	84.8	30.8	32.4	863.0	13.12
37828.54	413	207	1300	0.726	166.8	89.6	31.5	30.5	880.0	13.10
37828.58	413	207	1400	0.795	167.8	93.3	32.1	28.3	836.0	13.09
37828.63	413	207	1500	0.626	235.0	88.9	32.5	26.5	752.0	13.08
37828.67	413	207	1600	0.603	352.3	99.7	33.3	24.1	629.7	13.06
37828.71	413	207	1700	0.503	355.6	88.6	32.5	25.3	471.1	13.07
37828.75	413	207	1800	0.332	334.3	75.7	30.0	29.6	161.6	13.09
37828.79	413	207	1900	0.369	19.6	29.8	25.7	41.2	5.8	13.01
37828.83	413	207	2000	0.520	34.0	17.1	21.9	58.3	3.1	12.97
37828.88	413	207	2100	0.538	38.2	25.6	20.5	56.6	0.0	12.95
37828.92	413	207	2200	0.526	26.9	28.0	19.5	54.0	0.9	12.92
37828.96	413	207	2300	0.494	27.7	22.0	18.7	54.4	7.8	12.90
37829.00	413	207	2400	0.415	24.9	25.5	18.4	54.6	15.3	12.88
37829.04	413	208	100	0.478	27.5	28.6	17.8	54.6	14.3	12.88
37829.08	413	208	200	0.462	38.0	30.9	17.8	52.9	7.5	12.87
37829.13	413	208	300	0.500	36.1	26.3	17.6	52.4	6.9	12.86
37829.17	413	208	400	0.494	36.8	26.8	16.8	56.5	4.2	12.85
37829.21	413	208	500	0.505	60.6	43.0	18.0	51.1	2.3	12.84

37829.25	413	208	600	0.411	86.9	49.4	19.0	47.2	38.5	12.84
37829.29	413	208	700	0.440	80.6	40.9	20.4	49.8	142.5	12.85
37829.33	413	208	800	0.378	89.5	38.5	24.4	45.3	321.6	13.11
37829.38	413	208	900	0.286	87.0	36.1	30.0	36.7	452.8	13.26
37829.42	413	208	1000	0.415	216.2	59.1	32.6	25.0	655.6	13.14
37829.46	413	208	1100	0.695	203.0	77.3	34.0	21.2	692.7	13.09
37829.50	413	208	1200	0.666	176.7	78.8	34.6	18.7	805.0	13.07
37829.54	413	208	1300	0.818	162.8	75.0	35.9	14.5	869.0	13.04
37829.58	413	208	1400	0.841	148.6	85.5	36.6	14.5	842.0	13.03
37829.63	413	208	1500	0.760	177.6	85.1	36.8	14.2	767.0	13.03
37829.67	413	208	1600	0.642	194.4	85.4	36.3	16.8	552.4	13.02
37829.71	413	208	1700	0.714	151.2	94.0	36.0	17.0	472.1	13.03
37829.75	413	208	1800	0.285	353.6	74.2	33.0	23.5	165.3	13.04
37829.79	413	208	1900	0.610	20.1	13.7	27.4	37.8	1.1	12.97
37829.83	413	208	2000	0.654	19.2	18.0	23.9	48.0	0.3	12.95
37829.88	413	208	2100	0.445	60.1	46.2	23.8	39.5	1.7	12.92
37829.92	413	208	2200	0.406	67.0	54.0	23.6	36.5	-0.1	12.90
37829.96	413	208	2300	0.467	45.4	39.0	22.8	36.7	0.1	12.88
37830.00	413	208	2400	0.433	46.7	42.0	21.9	38.0	1.6	12.87
37830.04	413	209	100	0.553	68.2	39.1	22.3	36.0	0.7	12.85
37830.08	413	209	200	0.741	61.4	26.6	22.9	35.0	0.7	12.85
37830.13	413	209	300	0.546	59.9	61.4	22.6	39.9	4.5	12.85
37830.17	413	209	400	0.419	32.3	26.2	19.2	53.0	6.7	12.84
37830.21	413	209	500	0.464	35.5	27.0	17.8	59.3	17.2	12.84
37830.25	413	209	600	0.415	33.3	22.1	17.6	61.8	41.7	12.83
37830.29	413	209	700	0.526	47.8	34.1	19.4	65.3	124.4	12.83
37830.33	413	209	800	0.543	57.4	60.0	25.7	52.4	298.3	13.08
37830.38	413	209	900	0.442	197.3	54.1	30.0	36.2	458.6	13.25
37830.42	413	209	1000	0.553	209.2	58.0	33.6	26.1	657.0	13.13
37830.46	413	209	1100	0.570	186.1	82.9	35.6	22.4	772.0	13.08
37830.50	413	209	1200	0.760	192.2	92.5	36.8	19.2	858.0	13.03
37830.54	413	209	1300	0.744	168.0	89.6	37.4	19.1	880.0	13.03
37830.58	413	209	1400	0.926	95.9	78.4	38.3	17.3	819.0	13.01
37830.63	413	209	1500	0.802	155.4	95.2	38.2	16.7	753.0	12.99
37830.67	413	209	1600	0.595	316.1	99.6	38.4	17.3	631.9	12.79
37830.71	413	209	1700	0.470	230.4	95.8	37.1	19.2	466.6	12.79
37830.75	413	209	1800	0.297	334.7	74.7	33.3	27.5	162.8	13.01
37830.79	413	209	1900	0.559	21.1	14.1	28.6	40.0	0.6	12.96
37830.83	413	209	2000	0.530	27.7	20.3	25.3	49.7	0.0	12.92
37830.88	413	209	2100	0.451	34.5	31.3	25.1	40.8	1.8	12.89
37830.92	413	209	2200	0.487	25.6	30.3	23.6	41.1	-0.1	12.89
37830.96	413	209	2300	0.409	25.9	25.3	22.6	42.1	-0.1	12.86
37831.00	413	209	2400	0.409	39.5	36.9	22.7	41.6	1.0	12.85
37831.04	413	210	100	0.416	37.4	28.3	22.3	43.8	1.4	12.85
37831.08	413	210	200	0.372	52.1	46.1	21.9	45.2	1.8	12.84
37831.13	413	210	300	0.417	58.9	46.1	21.9	43.9	2.2	12.83
37831.17	413	210	400	0.527	41.6	38.1	20.7	48.8	6.7	12.82
37831.21	413	210	500	0.568	30.4	25.1	20.2	51.6	15.0	12.82
37831.25	413	210	600	0.766	41.7	44.4	23.6	40.9	40.9	12.82
37831.29	413	210	700	1.196	52.8	45.9	28.0	30.5	114.6	12.83
37831.33	413	210	800	1.373	55.9	46.4	31.0	25.9	293.7	13.03
37831.38	413	210	900	1.169	47.8	53.5	33.5	23.3	467.0	13.18

37831.42	413	210	1000	1.051	55.7	57.4	36.0	20.9	629.3	13.10
37831.46	413	210	1100	0.924	51.4	63.3	38.4	17.7	741.0	13.04
37831.50	413	210	1200	0.695	37.5	74.1	39.9	14.7	852.0	13.01
37831.54	413	210	1300	0.601	210.5	99.7	40.2	15.0	842.0	12.97
37831.58	413	210	1400	1.025	135.0	72.2	40.8	13.5	823.0	12.65
37831.63	413	210	1500	0.684	75.9	84.8	40.7	14.6	702.0	12.61
37831.67	413	210	1600	0.751	197.4	91.7	39.4	16.4	599.4	12.61
37831.71	413	210	1700	0.510	69.3	100.6	39.0	17.1	456.5	12.66
37831.75	413	210	1800	0.385	355.2	71.1	35.7	25.6	171.6	12.98
37831.79	413	210	1900	0.579	19.1	14.3	30.6	42.7	30.3	12.95
37831.83	413	210	2000	0.478	29.5	19.2	27.6	47.1	0.3	12.91
37831.88	413	210	2100	0.486	24.7	21.5	26.4	39.8	0.3	12.90
37831.92	413	210	2200	0.524	29.5	37.9	24.0	44.1	1.8	12.87
37831.96	413	210	2300	0.402	29.8	25.9	22.9	48.0	-0.2	12.86
37832.00	413	210	2400	0.338	19.8	23.8	23.1	48.5	0.4	12.85
37832.04	413	211	100	0.382	28.1	32.8	22.9	52.3	0.4	12.83
37832.08	413	211	200	0.319	33.0	34.8	22.8	52.7	2.7	12.83
37832.13	413	211	300	0.367	21.4	24.1	21.7	56.6	3.4	12.82
37832.17	413	211	400	0.328	28.5	29.7	21.4	58.7	3.2	12.82
37832.21	413	211	500	0.455	26.4	16.7	20.2	63.9	11.9	12.82
37832.25	413	211	600	0.509	27.0	17.5	19.7	64.7	41.2	12.81
37832.29	413	211	700	0.492	54.6	26.3	20.9	67.6	98.0	12.83
37832.33	413	211	800	0.284	79.7	40.0	25.6	63.6	251.9	13.08
37832.38	413	211	900	0.311	159.7	80.0	29.3	52.3	415.3	13.27
37832.42	413	211	1000	0.531	198.1	78.6	32.0	36.6	573.6	13.15
37832.46	413	211	1100	0.547	228.0	65.4	32.8	36.0	581.3	13.11
37832.50	413	211	1200	0.489	218.4	76.8	33.6	36.3	660.3	13.09
37832.54	413	211	1300	0.696	241.5	88.0	35.2	32.1	823.0	13.04
37832.58	413	211	1400	0.735	217.4	83.6	36.1	29.2	781.0	13.03
37832.63	413	211	1500	0.680	154.7	99.8	36.6	27.2	705.0	13.02
37832.67	413	211	1600	0.659	234.5	95.6	35.7	28.5	574.0	13.01
37832.71	413	211	1700	0.486	312.0	90.7	35.1	30.6	426.9	13.02
37832.75	413	211	1800	0.300	354.0	63.7	31.2	41.6	90.2	13.00
37832.79	413	211	1900	0.200	333.3	60.0	27.4	53.0	5.9	12.96
37832.83	413	211	2000	0.411	18.7	17.5	24.7	64.9	0.7	12.93
37832.88	413	211	2100	0.421	29.6	15.6	22.5	72.0	0.9	12.90
37832.92	413	211	2200	0.316	25.4	37.1	21.3	73.8	0.1	12.89
37832.96	413	211	2300	0.445	26.4	23.2	20.0	76.5	1.3	12.86
37833.00	413	211	2400	0.388	24.9	17.8	19.0	77.9	3.3	12.84
37833.04	413	212	100	0.383	29.2	13.2	18.4	79.0	12.3	12.83
37833.08	413	212	200	0.374	29.5	13.0	17.7	81.5	12.5	12.82
37833.13	413	212	300	0.430	30.9	16.7	17.0	83.8	9.9	12.81
37833.17	413	212	400	0.391	26.3	9.9	16.5	85.2	3.5	12.81
37833.21	413	212	500	0.389	34.0	14.3	16.5	84.6	2.0	12.80
37833.25	413	212	600	0.387	23.6	11.6	16.4	84.3	34.9	12.80
37833.29	413	212	700	0.293	41.1	23.3	17.8	82.5	78.8	12.80
37833.33	413	212	800	0.235	157.4	70.2	22.4	63.2	222.0	13.11
37833.38	413	212	900	0.425	227.9	74.4	25.0	44.1	428.5	13.34
37833.42	413	212	1000	0.571	221.9	63.5	26.2	41.6	588.8	13.24
37833.46	413	212	1100	0.597	215.2	81.2	28.5	36.6	744.0	13.17
37833.50	413	212	1200	0.673	247.0	88.6	29.7	32.3	802.0	13.13
37833.54	413	212	1300	0.717	270.9	89.7	30.2	31.4	830.0	13.11

37833.58	413	212	1400	0.709	207.6	90.9	30.9	30.5	793.0	13.09
37833.63	413	212	1500	0.739	184.0	95.6	31.4	29.6	728.0	13.07
37833.67	413	212	1600	0.668	298.7	100.2	31.3	30.1	593.4	13.07
37833.71	413	212	1700	0.746	3.5	83.4	30.4	32.6	441.2	13.09
37833.75	413	212	1800	0.677	335.5	67.2	28.4	39.6	159.4	13.13
37833.79	413	212	1900	0.331	351.3	58.5	26.3	49.2	41.0	13.03
37833.83	413	212	2000	0.304	21.4	28.9	22.9	62.4	3.6	12.98
37833.88	413	212	2100	0.399	35.0	16.5	20.6	70.3	-0.3	12.95
37833.92	413	212	2200	0.360	39.7	18.1	20.0	69.5	1.6	12.93
37833.96	413	212	2300	0.285	21.7	34.9	19.8	69.0	3.2	12.91
37834.00	413	212	2400	0.278	28.7	36.6	19.4	69.8	7.3	12.89
37834.04	413	213	100	0.296	32.3	37.2	19.0	71.7	12.2	12.88
37834.08	413	213	200	0.312	23.2	22.3	18.6	73.2	12.7	12.87
37834.13	413	213	300	0.288	29.1	34.1	18.3	74.2	10.7	12.86
37834.17	413	213	400	0.226	22.3	40.5	18.5	72.9	7.0	12.85
37834.21	413	213	500	0.368	33.9	24.6	18.2	74.7	7.2	12.85
37834.25	413	213	600	0.382	27.6	25.7	17.6	76.6	39.2	12.84
37834.29	413	213	700	0.291	30.7	22.5	19.2	74.1	75.1	12.92
37834.33	413	213	800	0.275	65.4	36.4	23.0	61.4	237.1	13.29
37834.38	413	213	900	0.178	245.2	90.1	24.6	55.1	225.8	13.35
37834.42	413	213	1000	0.470	214.4	53.5	25.7	46.8	535.6	13.30
37834.46	413	213	1100	0.599	223.0	68.4	27.6	39.2	569.2	13.21
37834.50	413	213	1200	0.589	197.2	76.3	28.2	37.0	587.9	13.17
37834.54	413	213	1300	0.626	209.0	83.8	29.3	34.3	740.0	13.15
37834.58	413	213	1400	0.599	187.3	98.4	30.1	33.2	669.8	13.12
37834.63	413	213	1500	0.461	263.7	88.4	29.9	34.1	465.8	13.12
37834.67	413	213	1600	0.254	255.6	85.3	28.6	41.4	225.7	13.15
37834.71	413	213	1700	0.236	296.3	72.3	27.8	46.0	212.2	13.20
37834.75	413	213	1800	0.218	330.0	69.3	26.9	49.3	125.4	13.20
37834.79	413	213	1900	0.098	315.5	69.4	25.5	55.4	43.1	13.11
37834.83	413	213	2000	0.301	24.3	16.5	23.4	65.4	2.4	13.04
37834.88	413	213	2100	0.324	34.6	17.8	22.1	67.7	0.6	13.00
37834.92	413	213	2200	0.294	27.7	27.0	21.9	64.7	0.9	12.98
37834.96	413	213	2300	0.291	26.6	19.3	21.7	65.0	1.8	12.96
37835.00	413	213	2400	0.322	25.1	15.4	21.2	69.0	6.3	12.94
37835.04	413	214	100	0.401	36.8	22.6	20.6	76.2	6.6	12.94
37835.08	413	214	200	0.410	35.3	37.2	18.9	95.4	-3.3	12.93
37835.13	413	214	300	0.342	50.6	33.4	18.7	96.8	-3.5	12.92
37835.17	413	214	400	0.356	49.1	38.9	18.6	96.2	-4.3	12.90
37835.21	413	214	500	0.293	29.8	29.1	18.3	97.0	-3.2	12.89
37835.25	413	214	600	0.241	40.3	47.7	18.5	96.8	6.5	12.88
37835.29	413	214	700	0.187	46.4	31.5	18.6	97.5	14.9	12.88
37835.33	413	214	800	0.066	57.7	75.5	18.5	98.1	31.2	12.87
37835.38	413	214	900	0.023	195.6	64.1	18.4	98.5	42.7	12.89
37835.42	413	214	1000	0.160	261.3	41.4	18.8	98.6	74.2	13.04
37835.46	413	214	1100	0.255	310.5	76.4	18.5	98.6	45.8	12.95
37835.50	413	214	1200	0.233	271.0	68.2	18.4	98.5	74.7	13.07
37835.54	413	214	1300	0.286	314.9	54.2	18.3	98.5	90.2	13.12
37835.58	413	214	1400	0.174	238.8	41.7	18.7	97.5	91.8	13.29
37835.63	413	214	1500	0.146	235.8	66.1	18.8	96.7	87.5	13.30
37835.67	413	214	1600	0.175	43.6	87.7	18.5	97.6	42.3	13.12
37835.71	413	214	1700	0.081	81.8	50.0	18.7	97.9	42.6	13.04

37835.75	413	214	1800	0.037	246.7	40.0	18.5	98.3	39.4	12.98
37835.79	413	214	1900	0.022	63.4	73.8	18.5	98.7	15.5	12.94
37835.83	413	214	2000	0.022	230.0	6.7	18.4	99.1	-0.3	12.92
37835.88	413	214	2100	0.050	49.9	33.9	18.5	99.3	-0.3	12.90
37835.92	413	214	2200	0.117	49.6	42.9	18.4	99.4	-0.1	12.88
37835.96	413	214	2300	0.194	81.9	56.5	18.1	99.2	0.0	12.88
37836.00	413	214	2400	0.249	51.4	35.3	17.8	99.5	0.0	12.86
37836.04	413	215	100	0.234	29.4	24.3	17.5	99.5	0.0	12.85
37836.08	413	215	200	0.284	45.8	19.0	16.9	99.7	0.0	12.85
37836.13	413	215	300	0.237	47.9	14.2	16.6	100.0	0.0	12.84
37836.17	413	215	400	0.190	47.3	15.7	16.9	100.1	0.0	12.83
37836.21	413	215	500	0.345	49.7	11.7	16.4	100.0	0.0	12.83
37836.25	413	215	600	0.265	65.8	22.2	16.1	100.2	23.1	12.82
37836.29	413	215	700	0.149	79.3	40.0	17.3	99.9	76.7	12.90
37836.33	413	215	800	0.273	165.4	65.8	19.5	95.1	249.8	13.37
37836.38	413	215	900	0.290	208.4	47.3	20.9	84.0	278.1	13.43
37836.42	413	215	1000	0.413	206.9	64.0	22.4	75.0	516.9	13.34
37836.46	413	215	1100	0.533	203.3	75.7	23.6	70.6	545.0	13.28
37836.50	413	215	1200	0.645	222.5	91.5	24.6	68.6	764.0	13.24
37836.54	413	215	1300	0.616	213.2	85.5	25.4	64.5	759.0	13.21
37836.58	413	215	1400	0.609	222.4	91.6	26.1	61.8	672.2	13.18
37836.63	413	215	1500	0.637	230.1	92.9	26.9	56.0	641.4	13.17
37836.67	413	215	1600	0.587	292.4	83.8	27.1	54.9	549.0	13.17
37836.71	413	215	1700	0.479	290.1	89.0	27.0	52.2	450.3	13.19
37836.75	413	215	1800	0.339	303.7	71.4	25.9	57.2	160.3	13.19
37836.79	413	215	1900	0.280	21.9	27.2	22.5	74.2	25.2	13.08
37836.83	413	215	2000	0.405	42.2	27.9	19.9	86.9	0.1	13.03
37836.88	413	215	2100	0.458	35.2	19.6	17.9	90.7	5.5	13.00
37836.92	413	215	2200	0.442	44.1	31.0	17.4	88.1	10.4	12.98
37836.96	413	215	2300	0.563	72.3	40.3	17.3	84.6	4.3	12.96
37837.00	413	215	2400	0.302	68.1	50.1	16.5	88.0	1.1	12.95
37837.04	413	216	100	0.277	45.9	48.1	16.0	90.2	0.2	12.93
37837.08	413	216	200	0.406	40.2	30.8	15.5	90.6	0.1	12.92
37837.13	413	216	300	0.443	48.7	36.6	15.2	89.6	0.0	12.91
37837.17	413	216	400	0.427	65.5	36.5	15.3	87.7	0.0	12.90
37837.21	413	216	500	0.395	48.2	41.1	14.7	91.1	0.0	12.89
37837.25	413	216	600	0.338	65.8	44.4	14.8	90.7	17.3	12.88
37837.29	413	216	700	0.310	78.2	34.7	16.2	88.4	73.8	12.87
37837.33	413	216	800	0.295	87.8	40.4	20.3	76.1	238.4	13.16
37837.38	413	216	900	0.380	213.0	73.3	23.1	62.4	473.8	13.39
37837.42	413	216	1000	0.579	168.2	81.1	24.5	58.1	638.1	13.28
37837.46	413	216	1100	0.662	200.9	80.3	25.5	55.7	771.0	13.23
37837.50	413	216	1200	0.765	190.5	82.8	26.7	49.4	840.0	13.18
37837.54	413	216	1300	0.784	146.5	94.7	27.3	45.5	855.0	13.17
37837.58	413	216	1400	0.733	184.3	90.4	27.7	43.6	760.0	13.16
37837.63	413	216	1500	0.708	278.2	98.2	28.4	39.8	740.0	13.13
37837.67	413	216	1600	0.750	41.7	100.4	28.5	39.2	608.6	13.13
37837.71	413	216	1700	0.530	325.2	75.3	27.3	43.2	306.3	13.15
37837.75	413	216	1800	0.573	358.4	73.8	25.8	48.7	129.0	13.20
37837.79	413	216	1900	0.402	335.5	62.1	23.8	57.2	32.3	13.07
37837.83	413	216	2000	0.400	24.2	19.0	20.0	77.3	0.2	13.02
37837.88	413	216	2100	0.420	31.7	20.5	18.0	84.7	4.2	12.99

37837.92	413	216	2200	0.415	26.1	22.9	16.8	87.1	10.5	12.96
37837.96	413	216	2300	0.371	30.9	29.6	16.6	87.6	6.5	12.94
37838.00	413	216	2400	0.338	30.6	38.2	16.3	89.2	1.5	12.93
37838.04	413	217	100	0.289	21.5	23.8	15.6	92.0	0.4	12.91
37838.08	413	217	200	0.239	273.7	88.8	15.9	90.9	0.0	12.90
37838.13	413	217	300	0.199	291.6	90.0	15.3	82.9	0.0	12.89
37838.17	413	217	400	0.296	26.0	24.6	13.2	90.7	0.0	12.88
37838.21	413	217	500	0.256	27.0	28.4	12.2	94.7	0.0	12.87
37838.25	413	217	600	0.222	19.6	18.7	11.5	96.3	14.1	12.85
37838.29	413	217	700	0.232	40.3	72.9	12.6	93.0	76.8	12.87
37838.33	413	217	800	0.408	221.9	65.2	15.1	80.2	202.6	13.23
37838.38	413	217	900	0.588	205.3	80.9	17.4	70.6	449.7	13.52
37838.42	413	217	1000	0.624	194.8	81.3	19.0	65.2	538.6	13.41
37838.46	413	217	1100	0.754	209.8	93.7	19.7	64.1	507.2	13.36
37838.50	413	217	1200	0.590	147.9	89.1	20.4	61.7	540.2	13.36
37838.54	413	217	1300	0.663	249.1	94.4	21.7	57.3	682.7	13.31
37838.58	413	217	1400	0.649	218.0	92.1	22.5	54.5	655.9	13.29
37838.63	413	217	1500	0.668	174.6	96.9	23.2	51.0	525.9	13.27
37838.67	413	217	1600	0.732	52.8	94.9	23.8	48.3	566.4	13.24
37838.71	413	217	1700	0.663	43.7	98.8	23.6	45.9	451.9	13.26
37838.75	413	217	1800	0.638	326.2	73.8	22.3	45.8	131.8	13.25
37838.79	413	217	1900	0.192	343.2	61.0	19.4	65.5	40.6	13.10
37838.83	413	217	2000	0.299	28.6	17.2	16.4	81.3	16.8	13.06
37838.88	413	217	2100	0.367	37.7	21.3	14.7	88.0	2.6	13.03
37838.92	413	217	2200	0.343	36.2	18.5	13.6	91.2	0.1	13.00
37838.96	413	217	2300	0.329	38.7	22.0	13.3	91.4	0.0	12.98
37839.00	413	217	2400	0.370	39.1	24.2	12.8	92.0	0.0	12.97
37839.04	413	218	100	0.366	34.2	19.7	12.4	91.9	0.0	12.95
37839.08	413	218	200	0.358	39.5	19.6	12.0	92.9	0.0	12.94
37839.13	413	218	300	0.314	40.3	18.3	11.7	93.8	0.0	12.93
37839.17	413	218	400	0.281	30.8	21.0	12.0	92.4	0.0	12.92
37839.21	413	218	500	0.321	40.1	40.9	12.2	90.0	0.0	12.91
37839.25	413	218	600	0.227	26.9	37.0	12.3	88.7	17.3	12.91
37839.29	413	218	700	0.241	77.0	32.8	13.5	86.8	92.4	12.95
37839.33	413	218	800	0.384	108.0	59.8	17.2	74.3	237.6	13.33
37839.38	413	218	900	0.557	213.4	91.0	19.1	68.1	460.1	13.48
37839.42	413	218	1000	0.618	166.3	85.6	20.5	62.7	551.0	13.36
37839.46	413	218	1100	0.645	183.8	95.8	20.8	60.7	510.0	13.34
37839.50	413	218	1200	0.694	307.2	95.0	21.9	57.0	794.0	13.31
37839.54	413	218	1300	0.770	208.3	87.4	22.7	54.7	658.5	13.27
37839.58	413	218	1400	0.729	277.6	94.0	23.2	52.7	624.9	13.28
37839.63	413	218	1500	0.748	31.4	93.9	23.7	50.9	484.6	13.26
37839.67	413	218	1600	0.861	327.9	78.5	24.6	43.0	522.9	13.28
37839.71	413	218	1700	1.025	325.4	69.5	24.3	35.6	440.5	13.29
37839.75	413	218	1800	0.864	321.7	65.1	23.1	34.8	117.0	13.26
37839.79	413	218	1900	0.324	330.9	64.2	20.4	47.9	40.9	13.11
37839.83	413	218	2000	0.411	28.9	20.6	16.4	69.2	16.4	13.07
37839.88	413	218	2100	0.422	40.6	22.0	14.5	75.7	1.8	13.03
37839.92	413	218	2200	0.352	57.9	28.1	14.6	73.5	0.0	13.01
37839.96	413	218	2300	0.318	36.9	41.7	14.4	76.8	0.0	12.99
37840.00	413	218	2400	0.423	35.7	26.5	14.2	78.9	0.0	12.98
37840.04	413	219	100	0.488	36.4	17.4	12.5	87.3	0.0	12.97

37840.08	413	219	200	0.415	34.0	17.3	11.4	89.4	0.0	12.95
37840.13	413	219	300	0.396	30.4	16.9	10.6	90.8	0.0	12.94
37840.17	413	219	400	0.406	32.6	17.7	10.1	92.6	0.0	12.92
37840.21	413	219	500	0.398	30.9	17.9	9.6	93.6	0.0	12.91
37840.25	413	219	600	0.391	28.1	17.5	9.5	94.0	0.1	12.90
37840.29	413	219	700	0.346	53.9	23.8	11.0	91.0	77.9	12.89
37840.33	413	219	800	0.333	193.6	76.7	15.3	73.4	237.5	13.20
37840.38	413	219	900	0.574	191.2	65.7	18.1	63.8	456.4	13.52
37840.42	413	219	1000	0.578	206.6	89.4	20.6	55.7	641.9	13.38
37840.46	413	219	1100	0.680	211.4	84.2	21.9	50.2	775.0	13.31
37840.50	413	219	1200	0.836	156.8	96.6	22.2	50.9	841.0	13.28
37840.54	413	219	1300	0.689	251.6	85.5	23.0	48.8	845.0	13.26
37840.58	413	219	1400	0.747	221.8	92.3	23.8	44.0	825.0	13.22
37840.63	413	219	1500	0.796	198.1	91.6	24.5	39.6	728.0	13.20
37840.67	413	219	1600	0.677	202.6	97.7	25.1	36.8	598.9	13.18
37840.71	413	219	1700	0.652	12.0	90.6	24.5	33.9	431.2	13.24
37840.75	413	219	1800	0.574	325.3	63.2	23.1	33.9	101.0	13.22
37840.79	413	219	1900	0.302	9.1	42.3	20.0	48.4	38.7	13.09
37840.83	413	219	2000	0.442	30.6	20.5	15.9	68.1	12.9	13.05
37840.88	413	219	2100	0.426	25.8	23.5	14.4	71.5	4.3	13.01
37840.92	413	219	2200	0.440	29.0	25.9	13.4	74.6	0.1	12.99
37840.96	413	219	2300	0.435	29.4	25.3	12.7	76.7	0.0	12.97
37841.00	413	219	2400	0.392	36.4	25.5	12.5	76.8	0.0	12.95
37841.04	413	220	100	0.373	34.9	17.5	11.7	80.9	0.0	12.94
37841.08	413	220	200	0.396	45.4	20.4	11.2	82.6	0.0	12.92
37841.13	413	220	300	0.423	45.0	18.7	10.8	85.1	0.0	12.91
37841.17	413	220	400	0.450	33.7	19.4	10.4	86.3	0.0	12.90
37841.21	413	220	500	0.447	31.0	19.6	10.1	88.2	0.0	12.89
37841.25	413	220	600	0.411	25.6	19.2	10.1	88.7	0.7	12.88
37841.29	413	220	700	0.413	49.2	24.2	11.1	88.1	81.0	12.88
37841.33	413	220	800	0.264	84.7	34.6	15.8	71.3	234.8	13.17
37841.38	413	220	900	0.458	196.5	67.2	19.7	53.4	455.7	13.49
37841.42	413	220	1000	0.594	161.8	89.8	21.4	46.6	626.6	13.36
37841.46	413	220	1100	0.638	210.7	84.8	22.5	43.5	767.0	13.29
37841.50	413	220	1200	0.699	239.8	84.7	23.6	40.6	840.0	13.26
37841.54	413	220	1300	0.746	227.9	86.1	24.3	38.8	839.0	13.23
37841.58	413	220	1400	0.684	222.0	99.9	25.5	34.5	822.0	13.19
37841.63	413	220	1500	0.790	45.2	100.7	26.7	29.6	737.0	13.18
37841.67	413	220	1600	0.670	299.5	88.7	26.9	28.3	608.6	13.18
37841.71	413	220	1700	0.557	329.1	91.1	26.1	29.5	430.0	13.21
37841.75	413	220	1800	0.339	342.5	63.8	24.2	36.6	112.6	13.19
37841.79	413	220	1900	0.336	15.2	34.4	20.3	51.0	30.1	13.08
37841.83	413	220	2000	0.471	32.1	20.5	16.7	68.8	6.0	13.03
37841.88	413	220	2100	0.468	37.0	21.2	15.3	69.6	7.6	13.00
37841.92	413	220	2200	0.356	39.3	42.1	14.9	66.6	0.8	12.97
37841.96	413	220	2300	0.388	38.1	34.5	14.5	67.4	0.0	12.96
37842.00	413	220	2400	0.310	37.4	26.8	13.3	71.7	0.0	12.94
37842.04	413	221	100	0.442	40.8	30.5	12.9	72.0	0.0	12.92
37842.08	413	221	200	0.412	27.9	18.5	12.4	74.1	0.0	12.91
37842.13	413	221	300	0.386	40.3	30.6	12.4	72.8	0.0	12.90
37842.17	413	221	400	0.390	52.1	40.1	12.5	73.2	0.0	12.89
37842.21	413	221	500	0.377	33.4	23.4	11.4	79.2	0.0	12.88

37842.25	413	221	600	0.442	53.0	48.8	11.5	78.6	3.8	12.88
37842.29	413	221	700	0.407	70.5	39.0	12.8	78.8	87.1	12.87
37842.33	413	221	800	0.299	79.2	19.6	16.7	68.6	235.1	13.12
37842.38	413	221	900	0.408	158.7	74.1	21.3	46.3	462.3	13.46
37842.42	413	221	1000	0.606	160.7	77.5	23.3	40.1	648.3	13.32
37842.46	413	221	1100	0.679	215.9	87.2	24.3	41.3	776.0	13.27
37842.50	413	221	1200	0.735	254.0	89.7	24.8	41.4	839.0	13.23
37842.54	413	221	1300	0.755	198.2	90.7	25.7	38.2	839.0	13.20
37842.58	413	221	1400	0.766	301.2	98.7	27.0	33.6	819.0	13.18
37842.63	413	221	1500	0.823	354.8	89.6	28.1	29.4	738.0	13.17
37842.67	413	221	1600	0.908	336.2	78.9	28.4	26.4	608.2	13.14
37842.71	413	221	1700	0.814	333.3	81.0	27.7	25.4	425.2	13.19
37842.75	413	221	1800	0.699	327.7	71.2	26.2	27.1	99.3	13.17
37842.79	413	221	1900	0.324	349.9	65.3	23.4	36.7	16.7	13.07
37842.83	413	221	2000	0.506	21.8	11.4	18.1	60.2	1.2	13.03
37842.88	413	221	2100	0.612	26.0	16.9	15.3	69.0	9.5	12.99
37842.92	413	221	2200	0.494	36.0	25.2	14.2	69.4	2.6	12.96
37842.96	413	221	2300	0.582	22.2	15.0	13.4	69.3	0.1	12.94
37843.00	413	221	2400	0.591	23.2	19.2	12.6	70.6	0.0	12.92
37843.04	413	222	100	0.561	24.4	17.3	12.0	74.6	0.0	12.90
37843.08	413	222	200	0.636	35.1	17.5	11.4	78.3	0.0	12.89
37843.13	413	222	300	0.566	41.4	16.1	11.0	80.3	0.0	12.88
37843.17	413	222	400	0.486	33.1	16.1	11.0	80.1	0.0	12.87
37843.21	413	222	500	0.524	25.1	15.9	10.3	84.2	0.0	12.86
37843.25	413	222	600	0.497	27.6	18.4	10.0	85.8	0.2	12.85
37843.29	413	222	700	0.445	49.2	20.7	11.5	83.3	75.3	12.85
37843.33	413	222	800	0.359	79.0	27.2	16.6	71.3	227.3	13.08
37843.38	413	222	900	0.391	187.3	58.6	21.5	49.3	460.1	13.46
37843.42	413	222	1000	0.547	191.8	77.9	23.6	40.5	645.2	13.32
37843.46	413	222	1100	0.697	206.1	84.2	24.8	37.3	784.0	13.26
37843.50	413	222	1200	0.724	201.1	83.8	25.7	34.1	844.0	13.22
37843.54	413	222	1300	0.813	284.3	97.3	26.7	31.3	880.0	13.18
37843.58	413	222	1400	0.732	215.5	96.8	27.4	29.7	825.0	13.17
37843.63	413	222	1500	0.759	163.0	94.5	28.3	28.6	745.0	13.15
37843.67	413	222	1600	0.820	340.5	96.0	28.7	26.7	611.4	13.13
37843.71	413	222	1700	0.788	336.5	76.0	28.1	25.1	419.0	13.17
37843.75	413	222	1800	0.491	2.0	66.4	25.8	32.9	73.6	13.14
37843.79	413	222	1900	0.338	11.7	39.2	21.7	48.4	10.4	13.06
37843.83	413	222	2000	0.484	27.2	16.3	17.7	66.2	1.3	13.01
37843.88	413	222	2100	0.564	47.6	17.1	15.8	69.6	11.5	12.98
37843.92	413	222	2200	0.557	39.1	23.1	14.6	65.6	2.1	12.95
37843.96	413	222	2300	0.529	26.6	37.0	13.6	67.2	0.0	12.93
37844.00	413	222	2400	0.580	30.4	17.6	12.7	68.5	0.0	12.91
37844.04	413	223	100	0.568	45.5	24.7	12.4	71.7	0.0	12.89
37844.08	413	223	200	0.516	50.6	37.0	12.7	73.3	0.0	12.88
37844.13	413	223	300	0.581	51.0	23.3	12.2	79.1	0.0	12.87
37844.17	413	223	400	0.510	53.8	20.9	11.7	81.6	0.0	12.87
37844.21	413	223	500	0.454	44.1	17.8	11.2	84.1	0.0	12.86
37844.25	413	223	600	0.397	37.8	24.1	11.6	81.2	1.5	12.85
37844.29	413	223	700	0.397	47.2	28.6	12.5	81.4	84.0	12.85
37844.33	413	223	800	0.266	82.2	38.1	16.8	69.7	225.4	13.05
37844.38	413	223	900	0.395	187.2	69.1	21.1	47.3	456.9	13.45

37844.42	413	223	1000	0.595	208.4	70.4	23.1	39.5	658.2	13.32
37844.46	413	223	1100	0.652	220.2	90.1	24.3	35.1	785.0	13.27
37844.50	413	223	1200	0.684	193.9	94.9	25.2	31.2	860.0	13.23
37844.54	413	223	1300	0.710	167.6	89.1	26.1	28.6	897.0	13.18
37844.58	413	223	1400	0.785	276.7	99.5	27.0	25.7	830.0	13.17
37844.63	413	223	1500	0.736	187.2	95.9	27.8	22.3	755.0	13.16
37844.67	413	223	1600	0.710	250.3	98.0	28.1	19.7	618.6	13.13
37844.71	413	223	1700	0.504	359.1	92.4	27.3	20.9	424.2	13.17
37844.75	413	223	1800	0.322	336.4	61.6	24.7	26.1	72.3	13.14
37844.79	413	223	1900	0.421	17.9	19.5	20.0	42.0	20.0	13.05
37844.83	413	223	2000	0.527	39.9	20.2	16.4	58.6	4.5	13.00
37844.88	413	223	2100	0.460	36.7	23.0	15.2	56.6	9.8	12.97
37844.92	413	223	2200	0.480	28.8	23.5	14.2	57.5	1.7	12.94
37844.96	413	223	2300	0.517	37.5	31.5	14.1	57.0	0.0	12.92
37845.00	413	223	2400	0.496	47.5	35.0	14.1	55.4	0.0	12.91
37845.04	413	224	100	0.392	83.4	46.2	14.2	55.5	0.0	12.89
37845.08	413	224	200	0.437	93.4	47.1	14.4	52.5	0.0	12.88
37845.13	413	224	300	0.411	95.3	48.0	14.1	52.8	0.0	12.87
37845.17	413	224	400	0.561	74.3	41.0	13.8	50.4	0.0	12.87
37845.21	413	224	500	0.578	54.7	28.6	13.8	51.3	0.0	12.86
37845.25	413	224	600	0.532	59.9	30.5	14.0	50.4	6.2	12.86
37845.29	413	224	700	0.656	69.0	34.0	14.9	51.1	87.4	12.86
37845.33	413	224	800	0.563	75.6	33.9	18.5	45.2	231.7	13.04
37845.38	413	224	900	0.362	177.6	74.9	22.9	32.9	451.0	13.42
37845.42	413	224	1000	0.563	211.9	77.8	25.1	27.4	645.9	13.29
37845.46	413	224	1100	0.731	166.8	80.2	26.4	24.0	784.0	13.23
37845.50	413	224	1200	0.719	216.5	90.3	27.2	21.9	881.0	13.18
37845.54	413	224	1300	0.802	218.7	93.6	27.7	20.8	908.0	13.16
37845.58	413	224	1400	0.827	213.3	95.1	28.6	19.0	837.0	13.13
37845.63	413	224	1500	0.799	346.1	99.5	29.2	17.2	753.0	13.13
37845.67	413	224	1600	0.709	339.0	98.5	29.3	17.0	612.5	13.12
37845.71	413	224	1700	0.558	27.0	87.8	28.3	19.5	414.8	13.15
37845.75	413	224	1800	0.490	339.7	67.8	26.2	23.4	61.3	13.12
37845.79	413	224	1900	0.338	20.0	37.4	21.8	32.1	11.3	13.03
37845.83	413	224	2000	0.530	25.6	16.7	16.8	49.3	0.9	12.99
37845.88	413	224	2100	0.519	50.5	23.1	15.1	49.4	10.8	12.96
37845.92	413	224	2200	0.529	39.0	23.7	14.2	47.3	1.8	12.93
37845.96	413	224	2300	0.472	28.5	23.9	13.7	48.0	0.0	12.91
37846.00	413	224	2400	0.481	34.6	23.2	13.0	52.8	0.0	12.89
37846.04	413	225	100	0.370	26.8	29.1	12.9	51.9	0.0	12.87
37846.08	413	225	200	0.373	53.6	44.7	13.5	50.2	0.0	12.86
37846.13	413	225	300	0.461	33.3	30.6	12.9	53.1	0.0	12.86
37846.17	413	225	400	0.434	51.3	34.7	12.7	55.7	0.0	12.85
37846.21	413	225	500	0.409	37.8	26.8	11.9	59.1	0.0	12.84
37846.25	413	225	600	0.342	55.1	46.5	12.1	57.6	3.1	12.84
37846.29	413	225	700	0.385	71.9	41.9	13.4	59.3	82.7	12.84
37846.33	413	225	800	0.412	76.5	27.8	17.3	55.7	223.4	13.04
37846.38	413	225	900	0.319	88.3	35.2	23.5	35.2	432.4	13.44
37846.42	413	225	1000	0.516	164.1	84.3	26.2	22.1	671.3	13.27
37846.46	413	225	1100	0.624	205.6	83.2	27.5	20.6	794.0	13.21
37846.50	413	225	1200	0.696	190.5	90.7	28.3	21.0	856.0	13.17
37846.54	413	225	1300	0.705	340.1	101.8	28.9	21.1	878.0	13.13

37846.58	413	225	1400	0.749	210.4	95.9	29.5	20.3	820.0	13.12
37846.63	413	225	1500	0.651	188.4	90.5	29.9	18.9	741.0	13.10
37846.67	413	225	1600	0.649	206.5	94.4	29.9	19.3	600.4	13.10
37846.71	413	225	1700	0.464	313.2	89.7	28.7	21.2	400.3	13.13
37846.75	413	225	1800	0.279	334.2	65.7	25.7	25.5	45.4	13.09
37846.79	413	225	1900	0.507	21.8	14.1	21.1	38.7	8.4	13.01
37846.83	413	225	2000	0.531	24.3	22.5	17.6	51.9	0.3	12.98
37846.88	413	225	2100	0.348	48.7	47.7	17.3	46.8	10.7	12.94
37846.92	413	225	2200	0.393	42.0	42.4	16.8	46.0	6.1	12.93
37846.96	413	225	2300	0.469	36.2	29.3	15.7	48.5	0.5	12.90
37847.00	413	225	2400	0.474	30.9	28.8	14.8	50.7	0.0	12.89
37847.04	413	226	100	0.443	24.2	24.5	13.8	54.3	0.0	12.88
37847.08	413	226	200	0.494	26.7	17.0	13.0	56.7	0.0	12.86
37847.13	413	226	300	0.421	30.4	32.8	13.0	56.0	0.0	12.85
37847.17	413	226	400	0.440	26.2	19.7	12.4	59.7	0.0	12.84
37847.21	413	226	500	0.416	35.8	29.2	12.2	62.0	0.0	12.84
37847.25	413	226	600	0.359	29.3	30.2	12.2	61.7	5.2	12.83
37847.29	413	226	700	0.406	43.3	32.8	13.4	64.9	81.3	12.83
37847.33	413	226	800	0.346	70.7	28.1	18.3	58.0	212.0	13.03
37847.38	413	226	900	0.239	108.0	54.6	23.7	42.5	426.6	13.42
37847.42	413	226	1000	0.555	201.2	83.1	26.5	29.1	623.6	13.27
37847.46	413	226	1100	0.616	142.9	83.4	28.2	24.4	773.0	13.21
37847.50	413	226	1200	0.637	169.9	87.6	28.2	24.2	754.0	13.17
37847.54	413	226	1300	0.676	180.1	87.5	28.5	24.5	745.0	13.14
37847.58	413	226	1400	0.654	320.0	97.2	29.4	24.0	777.0	13.13
37847.63	413	226	1500	0.607	198.9	86.6	29.9	23.3	710.0	13.12
37847.67	413	226	1600	0.569	265.5	99.7	30.3	23.0	547.8	13.10
37847.71	413	226	1700	0.434	343.4	76.2	28.2	27.0	276.8	13.14
37847.75	413	226	1800	0.280	336.7	65.9	26.0	31.3	51.0	13.10
37847.79	413	226	1900	0.382	18.1	21.3	22.0	46.3	23.6	13.02
37847.83	413	226	2000	0.496	28.1	20.3	18.5	59.3	0.6	12.99
37847.88	413	226	2100	0.516	38.7	21.9	16.6	57.4	8.3	12.95
37847.92	413	226	2200	0.440	37.2	25.3	15.9	53.3	8.7	12.93
37847.96	413	226	2300	0.452	35.6	25.4	15.7	55.4	1.4	12.91
37848.00	413	226	2400	0.472	42.6	19.2	15.6	57.8	0.1	12.89
37848.04	413	227	100	0.436	33.6	16.2	14.0	62.3	0.0	12.88
37848.08	413	227	200	0.496	37.0	17.2	12.8	63.0	0.0	12.87
37848.13	413	227	300	0.430	30.9	14.6	12.2	64.9	0.0	12.85
37848.17	413	227	400	0.447	30.6	12.3	11.5	65.3	0.0	12.84
37848.21	413	227	500	0.439	35.6	20.7	11.4	63.5	0.0	12.83
37848.25	413	227	600	0.466	32.6	24.0	11.3	63.3	1.5	12.82
37848.29	413	227	700	0.427	40.1	24.1	11.8	69.5	78.1	12.82
37848.33	413	227	800	0.286	74.1	28.0	16.4	61.5	215.7	13.03
37848.38	413	227	900	0.295	158.7	77.0	22.3	41.6	494.1	13.45
37848.42	413	227	1000	0.578	203.5	75.2	25.4	27.5	663.3	13.29
37848.46	413	227	1100	0.568	211.6	78.6	27.3	18.4	800.0	13.22
37848.50	413	227	1200	0.775	207.3	88.3	28.3	17.8	866.0	13.17
37848.54	413	227	1300	0.662	202.1	87.9	29.3	17.6	897.0	13.13
37848.58	413	227	1400	0.680	201.0	95.3	29.9	16.2	823.0	13.12
37848.63	413	227	1500	0.610	173.2	99.7	30.5	13.4	754.0	13.10
37848.67	413	227	1600	0.522	241.0	91.0	30.7	12.4	641.5	13.08
37848.71	413	227	1700	0.426	319.0	87.9	29.6	14.7	402.4	13.11

37848.75	413	227	1800	0.296	332.7	62.4	25.6	21.7	45.0	13.06
37848.79	413	227	1900	0.481	17.6	17.7	20.8	33.1	17.1	13.00
37848.83	413	227	2000	0.536	34.5	17.0	16.9	46.7	1.1	12.96
37848.88	413	227	2100	0.517	34.3	27.8	15.8	35.9	11.0	12.93
37848.92	413	227	2200	0.344	29.2	34.9	15.2	33.7	2.0	12.90
37848.96	413	227	2300	0.488	30.9	27.2	14.4	34.7	0.0	12.88
37849.00	413	227	2400	0.365	31.4	27.1	14.1	34.3	0.0	12.87
37849.04	413	228	100	0.442	35.2	27.6	13.8	34.8	0.0	12.85
37849.08	413	228	200	0.418	48.1	41.4	13.8	33.4	0.0	12.84
37849.13	413	228	300	0.286	77.4	68.4	14.0	33.3	0.0	12.84
37849.17	413	228	400	0.325	80.8	55.9	14.0	35.3	0.0	12.83
37849.21	413	228	500	0.353	85.1	57.3	14.3	36.5	0.0	12.83
37849.25	413	228	600	0.382	70.3	51.0	14.6	38.7	3.3	12.82
37849.29	413	228	700	0.500	64.7	45.8	16.3	38.8	79.9	12.83
37849.33	413	228	800	0.772	43.5	52.0	21.0	32.2	205.6	13.01
37849.38	413	228	900	0.689	28.9	52.2	25.7	25.1	496.7	13.38
37849.42	413	228	1000	0.562	67.1	100.6	28.4	22.0	621.5	13.24
37849.46	413	228	1100	0.687	147.2	90.6	29.6	19.8	770.0	13.18
37849.50	413	228	1200	0.683	160.6	86.4	30.7	18.2	839.0	13.13
37849.54	413	228	1300	0.820	156.3	90.3	31.3	17.6	847.0	13.11
37849.58	413	228	1400	0.717	198.6	94.3	32.1	16.0	812.0	13.09
37849.63	413	228	1500	0.777	97.8	100.4	32.3	15.1	736.0	13.07
37849.67	413	228	1600	0.604	270.1	96.7	32.4	15.1	594.0	13.06
37849.71	413	228	1700	0.411	287.9	93.0	31.1	17.7	345.0	13.09
37849.75	413	228	1800	0.249	336.1	67.8	27.4	23.9	18.6	13.04
37849.79	413	228	1900	0.560	18.3	18.2	22.5	38.0	2.3	12.99
37849.83	413	228	2000	0.550	32.2	14.0	18.7	52.6	0.6	12.95
37849.88	413	228	2100	0.517	30.7	19.3	17.7	44.5	7.0	12.92
37849.92	413	228	2200	0.595	24.9	21.0	17.2	40.9	8.8	12.90
37849.96	413	228	2300	0.447	27.9	27.0	16.7	41.4	1.5	12.88
37850.00	413	228	2400	0.382	49.5	41.5	16.5	40.7	0.3	12.87
37850.04	413	229	100	0.450	59.3	47.0	16.7	39.3	0.0	12.86
37850.08	413	229	200	0.356	30.1	30.6	15.2	44.7	0.0	12.85
37850.13	413	229	300	0.298	54.9	48.1	15.3	44.4	0.0	12.84
37850.17	413	229	400	0.407	84.8	44.3	16.1	40.1	0.0	12.84
37850.21	413	229	500	0.386	67.4	50.2	16.0	40.4	0.0	12.83
37850.25	413	229	600	0.295	78.5	55.5	16.1	41.7	8.4	12.83
37850.29	413	229	700	0.387	81.2	46.5	17.1	44.3	81.1	12.83
37850.33	413	229	800	0.322	79.6	40.5	20.2	48.2	197.8	13.01
37850.38	413	229	900	0.321	86.0	61.0	25.5	39.6	503.2	13.36
37850.42	413	229	1000	0.559	200.8	67.1	29.2	23.4	639.7	13.22
37850.46	413	229	1100	0.530	187.5	85.6	31.0	18.1	777.0	13.15
37850.50	413	229	1200	0.607	201.5	83.6	32.2	16.2	846.0	13.11
37850.54	413	229	1300	0.758	229.0	86.8	32.6	14.8	861.0	13.08
37850.58	413	229	1400	0.776	184.7	93.5	33.4	14.3	808.0	13.06
37850.63	413	229	1500	0.604	259.5	99.8	34.0	13.5	738.0	13.04
37850.67	413	229	1600	0.501	254.8	89.6	33.9	15.1	594.0	13.03
37850.71	413	229	1700	0.390	304.3	94.0	32.3	17.6	322.0	13.06
37850.75	413	229	1800	0.251	331.8	61.0	28.4	23.4	16.7	13.02
37850.79	413	229	1900	0.514	21.2	11.4	23.5	36.2	5.4	12.97
37850.83	413	229	2000	0.531	37.1	17.8	19.8	50.5	0.9	12.94
37850.88	413	229	2100	0.440	27.3	28.8	18.7	43.0	1.7	12.90

37850.92	413	229	2200	0.426	34.4	31.5	18.4	39.9	12.0	12.88
37850.96	413	229	2300	0.456	21.6	21.9	17.3	41.3	8.9	12.87
37851.00	413	229	2400	0.411	23.8	23.6	16.7	42.2	1.2	12.85
37851.04	413	230	100	0.365	37.2	35.5	16.5	41.3	0.3	12.84
37851.08	413	230	200	0.443	33.1	30.4	16.1	41.1	0.0	12.84
37851.13	413	230	300	0.299	35.1	39.4	15.7	43.1	0.0	12.84
37851.17	413	230	400	0.417	30.9	25.9	15.3	44.6	0.0	12.83
37851.21	413	230	500	0.406	33.7	23.3	15.0	47.4	0.0	12.82
37851.25	413	230	600	0.372	32.6	41.0	14.8	50.1	8.3	12.82
37851.29	413	230	700	0.382	45.7	37.1	15.6	55.8	79.4	12.82
37851.33	413	230	800	0.439	61.9	19.4	19.2	57.2	198.7	12.99
37851.38	413	230	900	0.331	91.5	51.0	25.6	39.9	499.9	13.37
37851.42	413	230	1000	0.465	205.4	58.4	29.9	25.3	632.0	13.21
37851.46	413	230	1100	0.525	198.4	69.9	32.2	20.9	774.0	13.13
37851.50	413	230	1200	0.658	216.4	87.5	33.3	19.5	829.0	13.09
37851.54	413	230	1300	0.632	225.9	84.6	34.5	18.4	837.0	13.05
37851.58	413	230	1400	0.688	178.6	88.9	35.3	16.6	797.0	13.03
37851.63	413	230	1500	0.623	269.1	96.2	35.8	16.0	710.0	13.03
37851.67	413	230	1600	0.530	111.0	100.8	35.5	16.9	572.8	13.03
37851.71	413	230	1700	0.429	346.9	78.9	33.7	20.3	305.6	13.04
37851.75	413	230	1800	0.258	331.9	67.1	29.8	27.1	15.0	13.00
37851.79	413	230	1900	0.435	21.1	21.8	25.3	40.6	5.2	12.96
37851.83	413	230	2000	0.518	28.5	10.9	21.5	55.0	1.5	12.93
37851.88	413	230	2100	0.540	42.7	20.0	19.7	57.1	0.5	12.90
37851.92	413	230	2200	0.446	37.2	14.7	18.8	56.4	3.5	12.87
37851.96	413	230	2300	0.457	37.9	15.6	17.5	60.9	12.4	12.86
37852.00	413	230	2400	0.453	33.1	13.4	17.2	61.9	9.0	12.85
37852.04	413	231	100	0.480	26.8	11.2	16.3	65.1	3.1	12.84
37852.08	413	231	200	0.493	24.9	13.4	15.8	63.7	0.5	12.83
37852.13	413	231	300	0.522	28.0	12.7	15.6	60.2	0.1	12.82
37852.17	413	231	400	0.410	31.1	12.9	15.7	60.7	0.0	12.82
37852.21	413	231	500	0.413	31.6	13.8	15.8	61.2	0.0	12.82
37852.25	413	231	600	0.399	29.7	14.6	15.9	61.0	21.1	12.82
37852.29	413	231	700	0.394	30.3	13.9	15.8	67.9	67.3	12.84
37852.33	413	231	800	0.222	57.8	31.4	19.9	64.4	171.2	13.14
37852.38	413	231	900	0.141	147.0	58.9	25.8	47.8	450.5	13.36
37852.42	413	231	1000	0.519	208.8	53.4	28.6	30.5	630.9	13.23
37852.46	413	231	1100	0.702	212.3	88.2	30.2	28.9	758.0	13.15
37852.50	413	231	1200	0.636	192.6	89.5	30.7	26.5	817.0	13.12
37852.54	413	231	1300	0.713	189.2	92.8	31.7	24.4	835.0	13.09
37852.58	413	231	1400	0.695	305.7	99.0	32.5	21.9	786.0	13.07
37852.63	413	231	1500	0.675	239.4	100.2	32.9	20.3	677.4	13.04
37852.67	413	231	1600	0.620	328.8	99.1	32.6	18.8	564.8	13.04
37852.71	413	231	1700	0.369	354.2	90.6	30.3	23.8	222.9	13.08
37852.75	413	231	1800	0.234	339.1	63.4	27.1	31.0	41.9	13.04
37852.79	413	231	1900	0.482	20.5	12.7	22.6	45.4	3.6	12.98
37852.83	413	231	2000	0.515	24.2	12.1	18.9	59.8	0.6	12.95
37852.88	413	231	2100	0.462	36.0	17.1	17.2	60.8	5.1	12.91
37852.92	413	231	2200	0.471	32.7	19.6	16.0	59.9	12.1	12.88
37852.96	413	231	2300	0.451	26.9	29.9	15.7	56.5	3.2	12.87
37853.00	413	231	2400	0.327	33.2	37.8	15.9	51.2	0.5	12.85
37853.04	413	232	100	0.354	39.0	41.2	15.7	50.5	0.0	12.84

37853.08	413	232	200	0.405	30.9	28.5	14.6	53.6	0.0	12.83
37853.13	413	232	300	0.562	26.4	26.9	14.0	55.1	0.0	12.82
37853.17	413	232	400	0.359	24.3	22.4	13.6	57.9	0.0	12.81
37853.21	413	232	500	0.424	30.6	38.1	13.7	57.1	0.0	12.80
37853.25	413	232	600	0.286	67.9	69.0	15.9	49.5	10.0	12.80
37853.29	413	232	700	0.457	71.2	40.0	17.3	50.0	67.8	12.80
37853.33	413	232	800	0.334	153.8	87.4	19.8	55.0	189.3	12.97
37853.38	413	232	900	0.291	211.4	49.2	24.2	40.4	485.8	13.36
37853.42	413	232	1000	0.451	206.7	59.0	28.7	26.8	630.9	13.23
37853.46	413	232	1100	0.524	191.4	83.4	30.9	22.4	766.0	13.15
37853.50	413	232	1200	0.767	186.6	86.7	32.0	20.5	826.0	13.11
37853.54	413	232	1300	0.758	104.8	100.5	32.6	20.4	829.0	13.08
37853.58	413	232	1400	0.742	170.8	95.8	33.1	19.0	794.0	13.06
37853.63	413	232	1500	0.611	278.8	98.1	33.7	18.1	705.0	13.03
37853.67	413	232	1600	0.679	335.3	96.9	33.7	16.9	566.6	13.03
37853.71	413	232	1700	0.595	332.5	73.8	32.1	18.9	283.1	13.06
37853.75	413	232	1800	0.367	333.1	72.1	29.3	23.4	14.4	13.01
37853.79	413	232	1900	0.378	17.5	25.9	24.2	38.5	5.1	12.96
37853.83	413	232	2000	0.578	37.6	19.4	20.2	53.0	0.8	12.94
37853.88	413	232	2100	0.501	38.2	22.6	19.4	48.0	0.5	12.90
37853.92	413	232	2200	0.464	38.7	19.4	18.6	49.0	8.4	12.88
37853.96	413	232	2300	0.470	29.4	14.4	17.8	52.3	14.6	12.87
37854.00	413	232	2400	0.484	42.6	14.5	16.8	57.1	6.7	12.85
37854.04	413	233	100	0.423	29.6	20.8	17.1	54.5	1.9	12.84
37854.08	413	233	200	0.420	32.3	27.6	17.6	51.9	0.5	12.83
37854.13	413	233	300	0.430	28.8	28.7	17.7	51.7	0.3	12.82
37854.17	413	233	400	0.382	23.2	17.0	17.4	54.6	0.0	12.82
37854.21	413	233	500	0.358	33.8	16.4	17.5	55.6	0.1	12.82
37854.25	413	233	600	0.384	36.7	16.4	17.9	56.3	18.3	12.82
37854.29	413	233	700	0.299	34.2	20.8	18.3	60.2	41.6	12.82
37854.33	413	233	800	0.221	26.6	44.4	19.2	66.5	65.5	12.93
37854.38	413	233	900	0.140	237.1	62.0	21.4	63.6	181.3	13.36
37854.42	413	233	1000	0.190	241.3	61.6	21.6	59.3	158.2	13.38
37854.46	413	233	1100	0.231	276.9	74.6	22.3	59.6	165.9	13.40
37854.50	413	233	1200	0.422	310.4	92.4	23.9	52.2	286.2	13.38
37854.54	413	233	1300	0.396	260.3	70.2	23.9	52.5	197.8	13.36
37854.58	413	233	1400	0.267	17.2	82.2	24.7	52.8	288.6	13.34
37854.63	413	233	1500	0.504	129.6	97.4	28.5	34.2	663.1	13.24
37854.67	413	233	1600	0.384	267.2	77.2	26.2	45.0	160.6	13.21
37854.71	413	233	1700	0.396	37.1	64.2	24.0	63.0	89.0	13.21
37854.75	413	233	1800	0.335	33.6	41.3	23.2	70.8	57.8	13.19
37854.79	413	233	1900	0.370	43.8	27.8	21.6	75.6	14.0	13.08
37854.83	413	233	2000	0.285	30.1	40.6	18.9	88.2	1.0	13.05
37854.88	413	233	2100	0.298	69.2	58.9	18.8	84.1	7.7	13.02
37854.92	413	233	2200	0.287	32.6	43.0	18.1	87.3	6.6	13.00
37854.96	413	233	2300	0.261	35.7	53.5	17.4	88.6	3.7	12.99
37855.00	413	233	2400	0.257	35.2	33.1	17.3	88.3	1.4	12.98
37855.04	413	234	100	0.584	53.2	30.8	17.3	89.7	0.1	12.97
37855.08	413	234	200	0.772	73.9	90.1	17.1	89.6	0.1	12.96
37855.13	413	234	300	0.381	66.2	78.1	16.2	96.0	0.0	12.95
37855.17	413	234	400	0.267	43.3	38.3	15.8	97.4	0.0	12.94
37855.21	413	234	500	0.258	68.6	80.3	15.6	96.6	0.0	12.94

37855.25	413	234	600	0.312	44.2	36.1	15.5	97.6	0.1	12.92
37855.29	413	234	700	0.456	58.6	70.3	15.9	97.6	37.7	12.93
37855.33	413	234	800	0.413	46.6	85.1	16.4	96.5	37.5	12.99
37855.38	413	234	900	0.366	24.6	69.4	16.4	98.2	52.8	12.96
37855.42	413	234	1000	0.304	217.2	82.8	16.6	97.8	55.4	12.99
37855.46	413	234	1100	0.224	308.8	93.4	16.8	96.7	95.1	13.10
37855.50	413	234	1200	0.290	234.5	81.9	18.5	86.2	315.0	13.50
37855.54	413	234	1300	0.320	252.6	93.1	19.1	84.7	268.4	13.46
37855.58	413	234	1400	0.449	73.6	102.4	20.0	80.9	337.4	13.39
37855.63	413	234	1500	0.373	227.6	98.7	19.5	84.9	186.4	13.39
37855.67	413	234	1600	0.465	209.6	99.1	20.5	79.8	257.5	13.42
37855.71	413	234	1700	0.459	66.1	101.3	20.7	78.4	175.1	13.37
37855.75	413	234	1800	0.455	52.6	85.9	20.1	79.4	109.3	13.35
37855.79	413	234	1900	0.221	291.1	86.9	18.9	83.4	36.2	13.16
37855.83	413	234	2000	0.086	259.8	52.7	17.8	88.0	6.0	13.10
37855.88	413	234	2100	0.186	309.9	84.1	16.9	90.1	2.4	13.08
37855.92	413	234	2200	0.316	38.0	20.8	14.9	96.0	0.0	13.05
37855.96	413	234	2300	0.320	31.6	22.0	14.0	96.7	0.0	13.02
37856.00	413	234	2400	0.323	37.6	13.5	13.2	97.4	0.0	13.01
37856.04	413	235	100	0.282	29.9	18.6	12.5	98.0	0.0	12.99
37856.08	413	235	200	0.235	22.6	20.7	12.3	98.0	0.0	12.98
37856.13	413	235	300	0.141	48.8	51.0	12.8	96.9	0.0	12.96
37856.17	413	235	400	0.423	27.9	20.9	12.4	96.0	0.0	12.96
37856.21	413	235	500	0.481	41.3	21.5	11.6	97.0	0.0	12.95
37856.25	413	235	600	0.244	43.7	41.8	11.8	93.7	11.1	12.94
37856.29	413	235	700	0.368	59.0	42.2	12.7	89.2	22.9	12.92
37856.33	413	235	800	0.224	88.0	26.6	16.1	80.1	172.4	13.10
37856.38	413	235	900	0.394	138.6	60.3	20.8	63.6	478.0	13.46
37856.42	413	235	1000	0.597	175.6	76.6	23.1	53.1	628.1	13.33
37856.46	413	235	1100	0.794	178.5	76.2	24.4	48.3	750.0	13.27
37856.50	413	235	1200	0.704	192.9	87.8	25.6	41.9	809.0	13.23
37856.54	413	235	1300	0.816	213.4	89.8	26.1	40.7	823.0	13.18
37856.58	413	235	1400	0.784	196.1	92.5	26.9	38.8	783.0	13.17
37856.63	413	235	1500	0.792	158.5	82.9	27.7	35.1	686.6	13.15
37856.67	413	235	1600	0.650	137.5	102.5	27.8	33.7	549.7	13.13
37856.71	413	235	1700	0.456	297.6	92.7	26.8	37.2	240.6	13.16
37856.75	413	235	1800	0.229	309.5	74.3	24.2	44.2	38.3	13.09
37856.79	413	235	1900	0.390	22.2	11.2	20.5	59.3	8.9	13.04
37856.83	413	235	2000	0.404	32.2	19.5	17.6	70.4	2.4	13.00
37856.88	413	235	2100	0.254	56.2	45.1	16.6	68.1	9.9	12.98
37856.92	413	235	2200	0.341	33.1	33.0	15.8	68.4	2.3	12.96
37856.96	413	235	2300	0.450	73.4	47.0	15.9	65.3	0.3	12.94
37857.00	413	235	2400	0.605	68.6	38.0	15.5	65.6	0.0	12.93
37857.04	413	236	100	0.488	38.4	30.0	14.6	72.4	0.0	12.92
37857.08	413	236	200	0.473	30.3	18.9	13.1	77.7	0.0	12.90
37857.13	413	236	300	0.457	33.4	28.6	13.1	75.5	0.0	12.89
37857.17	413	236	400	0.449	36.6	33.3	12.8	77.8	0.0	12.88
37857.21	413	236	500	0.334	46.7	43.0	13.0	76.4	0.0	12.87
37857.25	413	236	600	0.360	47.9	57.5	13.6	73.0	0.4	12.86
37857.29	413	236	700	0.423	71.7	49.8	15.1	68.4	33.4	12.86
37857.33	413	236	800	0.279	97.9	60.7	18.0	63.8	166.9	13.05
37857.38	413	236	900	0.323	174.2	60.2	23.8	45.5	493.3	13.40

37857.42	413	236	1000	0.463	188.3	77.3	27.2	33.5	633.6	13.27
37857.46	413	236	1100	0.598	166.7	92.6	29.0	27.7	768.0	13.20
37857.50	413	236	1200	0.721	201.8	83.4	29.7	24.4	829.0	13.15
37857.54	413	236	1300	0.725	264.0	100.3	30.4	24.2	835.0	13.12
37857.58	413	236	1400	0.684	218.5	87.8	30.9	24.5	794.0	13.10
37857.63	413	236	1500	0.604	188.6	92.0	31.4	23.3	693.3	13.08
37857.67	413	236	1600	0.589	247.8	89.6	31.2	24.0	554.7	13.07
37857.71	413	236	1700	0.381	299.2	92.7	30.1	27.3	231.8	13.10
37857.75	413	236	1800	0.178	347.2	56.4	26.3	36.7	18.4	13.04
37857.79	413	236	1900	0.476	19.7	12.5	22.0	52.4	3.2	13.00
37857.83	413	236	2000	0.520	42.0	16.8	19.0	64.4	0.2	12.97
37857.88	413	236	2100	0.428	23.3	30.1	17.7	58.5	5.1	12.94
37857.92	413	236	2200	0.453	62.0	49.4	18.1	55.5	11.7	12.92
37857.96	413	236	2300	0.426	66.4	41.9	17.9	56.6	4.0	12.90
37858.00	413	236	2400	0.477	62.1	42.3	17.5	58.2	1.2	12.89
37858.04	413	237	100	0.525	47.0	30.9	16.2	62.3	0.2	12.87
37858.08	413	237	200	0.502	34.3	21.0	14.7	66.9	0.0	12.87
37858.13	413	237	300	0.507	33.2	22.5	14.4	61.4	0.0	12.86
37858.17	413	237	400	0.511	37.9	21.6	13.8	60.1	0.0	12.85
37858.21	413	237	500	0.493	39.5	27.7	13.7	57.7	0.0	12.84
37858.25	413	237	600	0.478	40.6	31.1	13.9	54.5	1.6	12.83
37858.29	413	237	700	0.469	42.2	32.1	14.1	60.9	39.1	12.83
37858.33	413	237	800	0.322	62.2	26.1	17.7	61.9	166.5	13.04
37858.38	413	237	900	0.330	85.5	32.0	23.8	43.5	489.0	13.40
37858.42	413	237	1000	0.538	176.9	75.8	28.0	26.4	636.3	13.26
37858.46	413	237	1100	0.630	201.3	86.9	29.4	23.7	767.0	13.18
37858.50	413	237	1200	0.689	212.5	82.2	30.1	23.7	827.0	13.13
37858.54	413	237	1300	0.681	160.0	85.8	31.1	23.0	835.0	13.11
37858.58	413	237	1400	0.706	80.8	97.5	32.0	19.9	796.0	13.08
37858.63	413	237	1500	0.612	219.8	82.6	32.5	18.2	703.0	13.06
37858.67	413	237	1600	0.523	144.9	97.7	32.7	18.1	562.8	13.05
37858.71	413	237	1700	0.425	335.7	83.6	31.0	20.4	220.4	13.08
37858.75	413	237	1800	0.288	351.5	63.5	27.4	26.6	22.7	13.03
37858.79	413	237	1900	0.460	22.0	15.6	22.4	43.6	3.4	12.98
37858.83	413	237	2000	0.505	43.2	18.3	19.6	51.7	0.0	12.95
37858.88	413	237	2100	0.539	27.2	26.5	19.0	44.6	2.9	12.92
37858.92	413	237	2200	0.558	28.9	15.6	17.8	46.8	11.2	12.90
37858.96	413	237	2300	0.516	26.0	20.1	17.4	47.4	8.6	12.88
37859.00	413	237	2400	0.458	33.3	20.8	16.8	49.4	2.0	12.87
37859.04	413	238	100	0.472	26.5	19.1	16.1	51.8	0.4	12.85
37859.08	413	238	200	0.486	31.5	20.5	16.0	51.9	0.0	12.85
37859.13	413	238	300	0.472	41.7	29.8	16.1	50.9	0.0	12.84
37859.17	413	238	400	0.364	31.3	31.1	15.8	52.2	0.0	12.84
37859.21	413	238	500	0.334	27.5	24.5	15.6	53.5	0.0	12.84
37859.25	413	238	600	0.384	35.8	25.0	16.3	53.3	6.0	12.84
37859.29	413	238	700	0.364	40.9	19.4	16.8	56.0	41.6	12.84
37859.33	413	238	800	0.268	42.8	26.9	17.6	60.2	85.3	13.02
37859.38	413	238	900	0.269	64.8	58.3	20.9	60.1	273.4	13.46
37859.42	413	238	1000	0.232	299.3	96.3	24.4	51.3	299.0	13.38
37859.46	413	238	1100	0.330	230.4	82.1	25.3	42.9	427.2	13.34
37859.50	413	238	1200	0.642	190.0	76.3	27.3	33.7	506.4	13.27
37859.54	413	238	1300	0.739	187.0	84.2	28.9	29.4	773.0	13.20

37859.58	413	238	1400	0.701	95.1	97.7	30.6	26.6	786.0	13.14
37859.63	413	238	1500	0.735	271.9	93.4	30.9	26.5	679.6	13.11
37859.67	413	238	1600	0.572	170.4	92.4	31.2	26.3	539.6	13.09
37859.71	413	238	1700	0.437	305.1	81.7	30.0	29.5	212.1	13.11
37859.75	413	238	1800	0.435	345.8	73.8	27.8	34.5	23.5	13.05
37859.79	413	238	1900	0.309	16.5	36.6	23.7	49.2	3.8	13.00
37859.83	413	238	2000	0.461	28.3	13.4	20.2	63.5	-0.1	12.97
37859.88	413	238	2100	0.420	33.0	21.2	19.1	65.1	2.2	12.94
37859.92	413	238	2200	0.504	37.0	17.2	18.2	66.4	11.4	12.92
37859.96	413	238	2300	0.322	31.0	27.9	17.7	67.2	9.6	12.90
37860.00	413	238	2400	0.447	33.1	23.1	17.0	69.4	3.0	12.88
37860.04	413	239	100	0.466	37.1	27.0	16.5	69.7	0.8	12.87
37860.08	413	239	200	0.506	38.1	23.1	16.2	68.9	0.1	12.86
37860.13	413	239	300	0.470	46.7	29.2	16.2	67.7	0.0	12.85
37860.17	413	239	400	0.304	28.4	24.9	15.5	69.5	0.0	12.84
37860.21	413	239	500	0.310	30.3	16.7	14.5	73.9	0.0	12.84
37860.25	413	239	600	0.373	24.5	18.8	14.2	75.0	9.3	12.83
37860.29	413	239	700	0.382	27.1	17.0	14.2	79.2	42.5	12.82
37860.33	413	239	800	0.298	73.7	22.8	18.0	72.4	183.3	13.10
37860.38	413	239	900	0.293	133.4	83.3	23.6	53.1	465.1	13.40
37860.42	413	239	1000	0.506	186.6	79.5	26.6	39.3	620.2	13.27
37860.46	413	239	1100	0.648	151.5	90.1	27.4	35.9	748.0	13.21
37860.50	413	239	1200	0.718	169.6	93.8	28.0	33.8	813.0	13.16
37860.54	413	239	1300	0.709	83.1	98.5	28.7	32.7	825.0	13.13
37860.58	413	239	1400	0.741	213.7	92.6	29.9	27.9	785.0	13.10
37860.63	413	239	1500	0.707	139.6	96.2	30.3	25.3	683.7	13.09
37860.67	413	239	1600	0.549	347.4	93.3	29.6	26.3	382.1	13.09
37860.71	413	239	1700	0.413	13.4	93.2	28.0	30.5	238.6	13.14
37860.75	413	239	1800	0.179	345.2	61.4	25.4	35.7	68.9	13.15
37860.79	413	239	1900	0.446	16.7	13.7	21.3	51.1	9.3	13.03
37860.83	413	239	2000	0.456	37.3	13.1	18.1	60.2	1.0	12.98
37860.88	413	239	2100	0.466	39.0	23.4	17.0	56.8	9.1	12.94
37860.92	413	239	2200	0.422	29.1	18.8	16.5	57.0	10.3	12.93
37860.96	413	239	2300	0.414	29.9	14.8	15.6	60.7	1.5	12.90
37861.00	413	239	2400	0.474	36.1	23.2	14.4	62.5	0.2	12.88
37861.04	413	240	100	0.342	21.5	26.1	14.9	57.2	0.0	12.87
37861.08	413	240	200	0.382	34.3	19.8	14.5	58.9	0.0	12.86
37861.13	413	240	300	0.380	32.3	25.5	14.7	56.1	0.0	12.85
37861.17	413	240	400	0.432	33.2	21.4	14.1	59.9	0.0	12.84
37861.21	413	240	500	0.403	39.8	22.7	13.7	63.3	0.0	12.83
37861.25	413	240	600	0.435	27.8	17.1	12.7	69.6	0.3	12.82
37861.29	413	240	700	0.373	30.9	17.0	12.6	72.9	34.2	12.82
37861.33	413	240	800	0.305	74.9	27.5	16.3	67.7	180.4	13.19
37861.38	413	240	900	0.295	96.8	41.8	22.6	45.2	475.4	13.44
37861.42	413	240	1000	0.503	178.8	73.2	25.6	33.3	631.2	13.30
37861.46	413	240	1100	0.643	216.1	81.6	27.1	27.8	753.0	13.22
37861.50	413	240	1200	0.747	165.0	83.8	28.2	24.8	820.0	13.17
37861.54	413	240	1300	0.741	158.0	87.6	28.8	23.5	830.0	13.13
37861.58	413	240	1400	0.726	215.9	96.1	29.0	23.4	786.0	13.12
37861.63	413	240	1500	0.850	249.8	95.4	29.4	21.3	681.6	13.10
37861.67	413	240	1600	0.657	125.0	94.1	29.7	20.4	541.7	13.10
37861.71	413	240	1700	0.450	15.3	83.0	27.8	22.2	213.7	13.11

37861.75	413	240	1800	0.275	350.0	58.9	24.1	29.1	19.2	13.03
37861.79	413	240	1900	0.417	19.6	12.9	19.5	43.8	1.3	12.99
37861.83	413	240	2000	0.486	40.7	17.3	16.6	55.6	3.8	12.95
37861.88	413	240	2100	0.429	21.0	21.4	15.6	54.8	10.4	12.92
37861.92	413	240	2200	0.365	31.0	36.2	15.1	56.4	1.5	12.90
37861.96	413	240	2300	0.210	34.3	55.6	15.2	54.7	0.0	12.88
37862.00	413	240	2400	0.352	27.8	29.4	14.3	53.0	0.0	12.86
37862.04	413	241	100	0.336	64.7	41.9	14.4	50.4	0.0	12.85
37862.08	413	241	200	0.393	53.2	41.7	14.0	50.8	0.0	12.84
37862.13	413	241	300	0.303	35.4	33.8	12.9	54.5	0.0	12.83
37862.17	413	241	400	0.316	34.9	31.2	12.4	57.9	0.0	12.82
37862.21	413	241	500	0.491	35.9	22.2	11.5	66.0	0.0	12.82
37862.25	413	241	600	0.650	40.2	29.4	11.9	66.7	1.8	12.81
37862.29	413	241	700	0.428	36.7	32.2	12.1	73.7	35.9	12.80
37862.33	413	241	800	0.858	55.7	51.3	20.8	43.1	176.0	13.20
37862.38	413	241	900	0.670	74.1	58.2	25.0	33.3	451.8	13.41
37862.42	413	241	1000	0.928	41.5	65.2	26.8	29.6	596.2	13.29
37862.46	413	241	1100	0.978	54.3	70.8	28.5	25.9	726.0	13.22
37862.50	413	241	1200	0.741	53.2	70.1	30.4	22.7	796.0	13.16
37862.54	413	241	1300	0.831	135.7	79.3	31.3	21.3	797.0	13.11
37862.58	413	241	1400	0.898	153.9	77.0	31.8	21.0	765.0	13.09
37862.63	413	241	1500	0.843	128.4	85.2	32.4	19.9	667.9	13.08
37862.67	413	241	1600	0.788	335.0	92.1	32.9	18.2	516.1	13.07
37862.71	413	241	1700	0.596	328.8	72.3	31.1	21.7	208.4	13.08
37862.75	413	241	1800	0.275	344.6	61.7	28.1	28.2	26.4	13.02
37862.79	413	241	1900	0.458	24.2	16.3	23.0	45.6	3.5	12.98
37862.83	413	241	2000	0.480	39.6	16.7	20.0	54.2	-0.1	12.95
37862.88	413	241	2100	0.476	33.1	32.0	19.4	47.4	3.2	12.92
37862.92	413	241	2200	0.294	34.9	40.5	18.2	49.0	10.4	12.90
37862.96	413	241	2300	0.256	39.8	40.7	17.9	49.9	7.1	12.88
37863.00	413	241	2400	0.278	32.1	36.8	16.7	54.7	2.5	12.87
37863.04	413	242	100	0.419	45.6	40.9	16.5	53.0	0.5	12.85
37863.08	413	242	200	0.373	50.0	45.2	17.2	48.8	0.1	12.84
37863.13	413	242	300	0.271	358.8	90.1	15.0	62.8	0.0	12.84
37863.17	413	242	400	1.072	51.6	47.8	22.9	31.3	0.0	12.84
37863.21	413	242	500	1.003	52.0	44.5	24.4	26.3	0.5	12.85
37863.25	413	242	600	0.910	52.3	54.2	24.4	24.4	20.5	12.85
37863.29	413	242	700	0.595	344.0	93.7	19.4	47.6	41.2	12.85
37863.33	413	242	800	0.486	103.8	90.6	20.1	47.9	175.0	13.16
37863.38	413	242	900	0.316	206.5	66.9	24.6	35.5	462.7	13.36
37863.42	413	242	1000	0.425	211.1	64.6	27.5	29.0	623.5	13.24
37863.46	413	242	1100	0.594	182.2	81.5	29.6	26.4	736.0	13.17
37863.50	413	242	1200	0.680	184.6	96.6	31.1	25.1	797.0	13.13
37863.54	413	242	1300	0.687	166.2	89.7	31.7	23.5	796.0	13.10
37863.58	413	242	1400	0.655	173.8	90.6	32.7	22.4	765.0	13.07
37863.63	413	242	1500	0.647	201.2	88.4	33.0	21.6	662.9	13.04
37863.67	413	242	1600	0.603	206.8	91.2	33.3	21.2	514.8	13.04
37863.71	413	242	1700	0.437	333.9	86.4	31.5	24.3	203.2	13.05
37863.75	413	242	1800	0.206	3.1	60.4	27.3	33.2	8.7	13.01
37863.79	413	242	1900	0.466	22.5	15.0	22.8	48.9	4.3	12.96
37863.83	413	242	2000	0.478	43.6	18.6	20.0	57.6	0.5	12.94
37863.88	413	242	2100	0.448	35.2	21.1	18.5	58.0	2.4	12.90

37863.92	413	242	2200	0.445	28.0	17.4	17.5	58.4	12.6	12.88
37863.96	413	242	2300	0.457	29.5	14.0	16.6	60.1	8.3	12.87
37864.00	413	242	2400	0.462	33.0	17.3	15.7	62.6	2.0	12.85
37864.04	413	243	100	0.461	28.1	11.5	15.2	63.9	0.3	12.84
37864.08	413	243	200	0.478	27.7	13.8	15.0	63.3	0.0	12.83
37864.13	413	243	300	0.413	36.1	28.6	15.4	59.9	0.0	12.83
37864.17	413	243	400	0.450	52.0	34.8	15.9	56.3	0.0	12.82
37864.21	413	243	500	0.403	34.7	19.0	15.1	61.2	0.0	12.82
37864.25	413	243	600	0.512	39.6	20.7	14.9	64.0	13.5	12.82
37864.29	413	243	700	0.511	41.0	17.0	15.2	68.5	56.5	12.86
37864.33	413	243	800	0.420	51.4	26.5	18.2	68.8	123.7	13.31
37864.38	413	243	900	0.274	56.9	51.0	20.3	69.9	258.2	13.41
37864.42	413	243	1000	0.240	59.4	81.8	25.4	53.9	373.2	13.36
37864.46	413	243	1100	0.278	38.9	23.2	26.8	55.4	346.3	13.30
37864.50	413	243	1200	0.234	52.3	68.6	28.2	54.4	396.0	13.27
37864.54	413	243	1300	0.432	203.4	76.9	31.9	20.3	645.8	13.19
37864.58	413	243	1400	0.619	151.8	99.3	33.8	14.6	773.0	13.13
37864.63	413	243	1500	0.617	127.9	98.1	34.1	15.0	667.1	13.09
37864.67	413	243	1600	0.530	127.3	95.4	34.1	16.4	516.4	13.06
37864.71	413	243	1700	0.416	356.1	88.6	31.7	21.0	209.8	13.06
37864.75	413	243	1800	0.261	1.4	59.4	27.1	30.6	12.0	13.02
37864.79	413	243	1900	0.501	23.5	12.7	22.4	48.4	4.3	12.97
37864.83	413	243	2000	0.478	30.8	18.2	20.1	50.1	0.2	12.95
37864.88	413	243	2100	0.547	34.3	25.4	19.6	44.2	1.8	12.92
37864.92	413	243	2200	0.514	31.6	26.8	18.9	43.4	12.0	12.89
37864.96	413	243	2300	0.457	49.6	36.0	19.1	41.7	12.3	12.88
37865.00	413	243	2400	0.467	32.0	23.7	18.2	44.3	7.1	12.87
37865.04	413	244	100	0.347	32.3	23.3	17.1	47.8	2.2	12.85
37865.08	413	244	200	0.385	34.5	25.2	16.6	48.1	0.5	12.84
37865.13	413	244	300	0.325	52.0	43.7	16.8	46.7	0.3	12.84
37865.17	413	244	400	0.339	71.8	54.0	17.5	43.2	0.0	12.83
37865.21	413	244	500	0.431	78.6	46.0	18.3	39.7	0.0	12.83
37865.25	413	244	600	0.410	66.5	50.7	18.2	40.7	12.3	12.83
37865.29	413	244	700	0.647	64.6	39.9	19.8	39.7	42.0	12.83
37865.33	413	244	800	0.710	51.0	48.0	23.3	36.1	208.9	13.17
37865.38	413	244	900	0.452	70.7	50.5	28.1	29.9	443.8	13.35
37865.42	413	244	1000	0.433	128.8	77.3	31.4	24.9	606.6	13.21
37865.46	413	244	1100	0.514	136.1	95.7	32.7	19.3	721.0	13.14
37865.50	413	244	1200	0.616	192.0	88.1	33.7	17.3	796.0	13.09
37865.54	413	244	1300	0.652	205.3	94.1	34.2	16.5	796.0	13.06
37865.58	413	244	1400	0.708	155.5	91.4	34.7	16.2	741.0	13.03
37865.63	413	244	1500	0.637	216.8	96.7	34.8	16.2	645.9	13.03
37865.67	413	244	1600	0.534	241.1	94.1	34.8	17.6	487.6	13.03
37865.71	413	244	1700	0.356	298.9	91.0	32.8	22.0	225.3	13.04
37865.75	413	244	1800	0.279	357.6	57.6	28.3	32.2	20.3	12.99
37865.79	413	244	1900	0.474	25.5	12.0	23.7	50.6	2.9	12.96
37865.83	413	244	2000	0.503	33.9	19.8	21.2	50.4	1.1	12.93
37865.88	413	244	2100	0.508	31.5	32.9	21.0	41.8	0.5	12.89
37865.92	413	244	2200	0.504	25.7	22.3	19.7	43.8	3.8	12.87
37865.96	413	244	2300	0.432	30.2	20.0	19.1	45.4	11.7	12.86
37866.00	413	244	2400	0.441	33.6	18.2	18.6	47.8	13.6	12.85
37866.04	413	245	100	0.404	26.5	26.0	18.1	49.0	6.0	12.84

37866.08	413	245	200	0.316	29.3	31.2	17.7	50.9	3.0	12.83
37866.13	413	245	300	0.336	49.8	44.7	17.8	50.2	1.3	12.82
37866.17	413	245	400	0.444	57.5	42.2	18.2	47.2	0.4	12.82
37866.21	413	245	500	0.350	68.2	55.5	18.2	47.1	0.3	12.82
37866.25	413	245	600	0.368	65.4	45.8	18.1	47.2	15.8	12.82
37866.29	413	245	700	0.372	79.6	54.0	18.4	50.6	42.0	12.82
37866.33	413	245	800	0.346	58.4	19.4	19.9	58.6	205.9	13.18
37866.38	413	245	900	0.360	90.5	67.6	25.4	43.7	445.2	13.38
37866.42	413	245	1000	0.379	202.2	67.6	30.0	27.6	606.3	13.23
37866.46	413	245	1100	0.614	181.3	82.9	31.4	24.5	715.0	13.15
37866.50	413	245	1200	0.693	198.8	92.2	32.7	22.2	790.0	13.11
37866.54	413	245	1300	0.652	191.3	80.2	33.3	22.4	796.0	13.07
37866.58	413	245	1400	0.742	132.5	92.4	34.1	20.8	748.0	13.03
37866.63	413	245	1500	0.656	200.4	85.8	34.3	20.2	657.7	13.03
37866.67	413	245	1600	0.530	238.3	101.7	34.2	20.4	494.5	13.03
37866.71	413	245	1700	0.544	244.4	99.3	32.6	23.5	232.9	13.04
37866.75	413	245	1800	0.241	0.2	55.9	28.3	33.8	6.7	12.98
37866.79	413	245	1900	0.526	24.4	16.7	23.5	51.9	3.2	12.95
37866.83	413	245	2000	0.556	32.6	20.6	21.0	54.4	0.3	12.92
37866.88	413	245	2100	0.352	36.4	34.7	20.6	48.6	1.6	12.89
37866.92	413	245	2200	0.416	38.9	35.3	20.0	48.6	5.9	12.87
37866.96	413	245	2300	0.426	52.0	42.6	19.7	48.8	12.6	12.85
37867.00	413	245	2400	0.384	41.2	41.3	19.7	47.7	8.5	12.85
37867.04	413	246	100	0.231	64.9	71.3	19.5	46.5	12.1	12.84
37867.08	413	246	200	0.336	60.6	61.7	19.8	44.6	8.6	12.84
37867.13	413	246	300	0.505	34.6	31.4	19.1	44.4	7.0	12.83
37867.17	413	246	400	0.489	32.7	26.2	18.8	47.3	2.6	12.82
37867.21	413	246	500	0.494	32.6	25.9	18.9	48.3	0.7	12.82
37867.25	413	246	600	0.491	35.0	27.1	18.5	51.1	20.0	12.82
37867.29	413	246	700	0.458	44.3	35.0	19.2	56.0	42.0	12.82
37867.33	413	246	800	0.241	56.3	23.1	20.8	62.8	203.2	13.16
37867.38	413	246	900	0.277	203.7	70.8	25.7	44.0	407.4	13.35
37867.42	413	246	1000	0.515	183.0	87.8	26.8	34.4	431.0	13.28
37867.46	413	246	1100	0.529	196.8	76.1	27.8	33.3	514.2	13.23
37867.50	413	246	1200	0.444	173.2	98.6	28.0	32.8	425.8	13.19
37867.54	413	246	1300	0.601	57.2	84.2	28.7	32.8	421.5	13.18
37867.58	413	246	1400	0.448	80.8	101.1	27.3	40.4	158.3	13.18
37867.63	413	246	1500	0.462	32.9	64.8	24.8	54.4	148.9	13.24
37867.67	413	246	1600	0.569	40.1	67.7	25.0	50.7	138.9	13.26
37867.71	413	246	1700	1.117	51.1	49.4	27.3	37.0	96.6	13.24
37867.75	413	246	1800	0.793	23.4	49.3	28.2	34.0	58.5	13.20
37867.79	413	246	1900	0.889	49.9	50.7	27.9	34.0	11.2	13.09
37867.83	413	246	2000	0.763	37.6	46.9	27.2	33.3	0.0	13.06
37867.88	413	246	2100	0.301	43.5	40.7	24.0	43.1	1.1	13.02
37867.92	413	246	2200	0.391	34.2	18.0	20.0	54.7	4.4	12.99
37867.96	413	246	2300	0.351	34.3	18.9	18.8	60.5	10.1	12.97
37868.00	413	246	2400	0.474	32.4	17.9	18.5	61.8	8.3	12.95
37868.04	413	247	100	0.456	46.7	27.6	19.1	57.5	6.7	12.94
37868.08	413	247	200	0.431	41.2	23.8	19.1	58.2	4.7	12.93
37868.13	413	247	300	0.453	34.8	26.4	19.1	59.2	1.8	12.91
37868.17	413	247	400	0.400	45.1	30.9	19.3	58.8	1.3	12.90
37868.21	413	247	500	0.341	35.5	22.7	18.3	63.9	0.5	12.89

37868.25	413	247	600	0.323	30.2	21.4	17.6	66.5	14.5	12.87
37868.29	413	247	700	0.354	29.6	17.3	17.4	71.2	41.9	12.86
37868.33	413	247	800	0.272	61.3	26.3	20.4	68.8	188.4	13.18
37868.38	413	247	900	0.237	97.0	43.0	26.5	50.8	434.8	13.36
37868.42	413	247	1000	0.446	183.3	88.5	30.1	34.6	592.0	13.23
37868.46	413	247	1100	0.618	170.1	77.3	31.5	30.0	708.0	13.15
37868.50	413	247	1200	0.659	224.0	88.1	31.9	29.6	782.0	13.12
37868.54	413	247	1300	0.698	167.6	86.5	32.4	29.3	791.0	13.09
37868.58	413	247	1400	0.637	179.9	90.4	32.9	29.5	720.0	13.06
37868.63	413	247	1500	0.614	213.4	85.3	32.6	30.3	511.9	13.04
37868.67	413	247	1600	0.396	96.8	95.8	30.8	35.8	291.3	13.09
37868.71	413	247	1700	0.210	287.9	79.0	28.5	45.4	155.7	13.16
37868.75	413	247	1800	0.170	5.5	51.0	26.4	55.0	52.7	13.08
37868.79	413	247	1900	0.461	35.8	17.6	23.4	65.8	4.5	13.01
37868.83	413	247	2000	0.359	32.5	28.0	22.7	60.6	-0.1	12.98
37868.88	413	247	2100	0.340	37.0	35.8	21.9	61.7	0.6	12.95
37868.92	413	247	2200	0.427	31.7	32.9	20.7	64.5	3.2	12.93
37868.96	413	247	2300	0.432	35.0	20.4	19.2	69.8	5.3	12.91
37869.00	413	247	2400	0.475	58.9	45.7	20.6	66.9	11.3	12.90
37869.04	413	248	100	0.390	53.3	52.7	19.5	74.9	12.4	12.89
37869.08	413	248	200	0.375	53.8	47.2	19.2	72.3	10.5	12.88
37869.13	413	248	300	0.302	38.9	31.3	17.7	77.3	8.4	12.87
37869.17	413	248	400	0.309	35.7	34.2	16.9	78.3	2.9	12.86
37869.21	413	248	500	0.333	41.1	40.6	16.9	76.3	0.7	12.85
37869.25	413	248	600	0.300	34.4	31.9	16.5	78.0	10.3	12.84
37869.29	413	248	700	0.354	34.1	26.8	16.5	80.5	41.3	12.84
37869.33	413	248	800	0.287	71.3	27.4	18.9	77.2	178.0	13.18
37869.38	413	248	900	0.295	210.2	67.4	23.6	60.3	434.1	13.39
37869.42	413	248	1000	0.434	200.9	61.0	27.0	49.0	594.8	13.26
37869.46	413	248	1100	0.568	185.5	79.3	29.3	41.3	713.0	13.18
37869.50	413	248	1200	0.739	173.3	90.3	29.5	39.5	782.0	13.14
37869.54	413	248	1300	0.861	130.5	87.4	30.3	35.7	792.0	13.12
37869.58	413	248	1400	0.725	109.8	96.4	30.9	32.9	723.0	13.09
37869.63	413	248	1500	0.753	320.7	98.2	31.1	31.0	630.4	13.08
37869.67	413	248	1600	0.735	45.7	99.4	30.7	29.4	482.1	13.07
37869.71	413	248	1700	0.569	24.8	82.2	29.2	32.2	230.1	13.09
37869.75	413	248	1800	0.321	349.9	61.8	25.7	40.5	6.9	13.02
37869.79	413	248	1900	0.424	19.4	17.2	21.1	55.4	2.1	12.98
37869.83	413	248	2000	0.514	24.2	18.2	18.1	67.5	0.3	12.94
37869.88	413	248	2100	0.387	28.8	33.0	17.3	64.8	8.9	12.91
37869.92	413	248	2200	0.502	29.9	22.8	15.8	64.1	8.4	12.89
37869.96	413	248	2300	0.498	22.2	19.8	14.9	62.2	1.1	12.87
37870.00	413	248	2400	0.459	28.5	15.2	14.0	63.4	0.1	12.85
37870.04	413	249	100	0.451	26.9	16.0	13.5	63.2	0.0	12.84
37870.08	413	249	200	0.373	32.0	17.6	13.2	63.1	0.0	12.83
37870.13	413	249	300	0.377	32.1	33.8	13.5	63.2	0.0	12.82
37870.17	413	249	400	0.319	27.8	24.9	12.9	66.1	0.0	12.81
37870.21	413	249	500	0.397	22.7	13.0	11.8	72.2	0.0	12.80
37870.25	413	249	600	0.354	27.6	10.3	10.8	78.3	0.1	12.80
37870.29	413	249	700	0.352	31.8	15.5	10.6	82.7	23.8	12.79
37870.33	413	249	800	0.376	72.1	49.3	13.8	74.5	182.9	13.26
37870.38	413	249	900	0.358	202.7	63.1	19.7	51.4	444.0	13.51

37870.42	413	249	1000	0.533	188.8	71.2	22.1	43.7	611.4	13.36
37870.46	413	249	1100	0.757	204.2	82.5	23.8	38.6	721.0	13.28
37870.50	413	249	1200	0.697	170.7	89.2	24.8	34.7	782.0	13.22
37870.54	413	249	1300	0.663	165.9	90.4	25.4	32.1	797.0	13.17
37870.58	413	249	1400	0.805	206.3	99.9	26.1	31.7	745.0	13.15
37870.63	413	249	1500	0.729	118.8	93.8	26.8	28.9	647.3	13.13
37870.67	413	249	1600	0.678	167.7	97.1	26.9	28.3	498.5	13.13
37870.71	413	249	1700	0.561	353.1	88.1	25.3	32.4	237.1	13.14
37870.75	413	249	1800	0.328	343.2	58.1	21.8	40.7	26.2	13.05
37870.79	413	249	1900	0.432	24.6	16.7	17.6	55.8	1.9	13.00
37870.83	413	249	2000	0.423	43.4	27.3	15.5	62.8	9.8	12.96
37870.88	413	249	2100	0.498	22.5	21.4	13.7	68.7	4.2	12.94
37870.92	413	249	2200	0.427	46.8	30.6	12.9	71.4	0.0	12.91
37870.96	413	249	2300	0.382	22.8	24.5	12.2	74.4	0.0	12.89
37871.00	413	249	2400	0.451	41.5	21.2	11.5	77.1	0.0	12.86
37871.04	413	250	100	0.386	26.8	20.2	11.1	78.4	0.0	12.85
37871.08	413	250	200	0.353	48.4	20.0	11.6	76.1	0.0	12.83
37871.13	413	250	300	0.366	43.0	17.3	11.5	76.9	0.0	12.82
37871.17	413	250	400	0.338	29.7	19.5	11.7	76.9	0.0	12.82
37871.21	413	250	500	0.363	21.8	18.1	11.6	76.7	0.0	12.82
37871.25	413	250	600	0.363	29.4	38.8	11.7	75.7	0.0	12.81
37871.29	413	250	700	0.236	21.5	20.5	11.9	76.7	40.4	12.82
37871.33	413	250	800	0.170	96.2	89.0	14.5	69.2	168.0	13.34
37871.38	413	250	900	0.261	215.9	57.5	18.5	54.8	275.6	13.57
37871.42	413	250	1000	0.446	210.3	77.1	20.1	48.9	417.6	13.46
37871.46	413	250	1100	0.496	211.5	83.5	21.2	44.8	397.4	13.38
37871.50	413	250	1200	0.452	237.4	93.8	20.8	48.5	305.8	13.37
37871.54	413	250	1300	0.410	204.2	85.3	20.9	49.5	271.4	13.37
37871.58	413	250	1400	0.461	310.7	86.5	20.4	52.0	223.7	13.40
37871.63	413	250	1500	0.311	294.6	85.8	19.3	57.2	164.1	13.44
37871.67	413	250	1600	0.353	211.6	85.5	19.6	54.4	178.7	13.47
37871.71	413	250	1700	0.175	257.6	58.3	19.1	57.4	73.3	13.33
37871.75	413	250	1800	0.185	23.5	38.0	17.6	68.2	41.3	13.15
37871.79	413	250	1900	0.285	23.7	35.8	16.7	71.3	19.8	13.10
37871.83	413	250	2000	0.398	22.2	13.2	13.8	81.3	0.0	13.06
37871.88	413	250	2100	0.223	33.6	35.0	14.0	78.8	0.0	13.04
37871.92	413	250	2200	0.314	24.8	21.9	13.7	80.4	0.0	13.02
37871.96	413	250	2300	0.354	25.9	17.2	12.3	86.3	0.0	13.00
37872.00	413	250	2400	0.372	34.6	17.5	11.1	90.9	0.0	12.99
37872.04	413	251	100	0.321	28.7	17.2	11.5	89.2	0.0	12.98
37872.08	413	251	200	0.404	30.8	18.5	10.2	92.1	0.0	12.96
37872.13	413	251	300	0.370	22.3	20.2	9.0	93.2	0.0	12.95
37872.17	413	251	400	0.413	45.4	31.4	9.1	89.3	0.0	12.93
37872.21	413	251	500	0.802	46.7	42.2	12.7	67.5	0.0	12.92
37872.25	413	251	600	0.983	48.3	47.9	12.9	63.8	0.0	12.92
37872.29	413	251	700	1.121	46.3	55.1	13.2	60.5	15.5	12.92
37872.33	413	251	800	1.018	43.9	56.9	14.6	55.8	169.1	13.23
37872.38	413	251	900	0.911	45.0	59.9	17.2	49.0	439.3	13.56
37872.42	413	251	1000	0.509	147.3	83.1	19.1	46.0	459.7	13.44
37872.46	413	251	1100	0.739	124.1	86.0	20.2	40.2	688.2	13.38
37872.50	413	251	1200	0.704	212.6	92.9	20.4	39.2	527.9	13.32
37872.54	413	251	1300	0.692	172.2	92.6	21.1	36.5	585.3	13.31

37872.58	413	251	1400	0.600	222.2	81.6	21.3	33.8	475.3	13.29
37872.63	413	251	1500	0.539	267.8	93.5	22.0	27.3	466.5	13.29
37872.67	413	251	1600	0.392	267.7	90.1	22.0	25.7	315.4	13.31
37872.71	413	251	1700	0.230	347.2	82.5	20.5	30.6	172.7	13.33
37872.75	413	251	1800	0.255	21.9	19.8	17.6	44.1	53.9	13.23
37872.79	413	251	1900	0.415	34.1	18.1	13.5	60.5	16.9	13.09
37872.83	413	251	2000	0.364	41.8	24.5	11.9	56.6	0.0	13.05
37872.88	413	251	2100	0.359	40.1	34.8	11.1	53.0	0.0	13.01
37872.92	413	251	2200	0.316	36.4	33.3	11.5	51.7	0.0	12.99
37872.96	413	251	2300	0.291	44.7	28.2	11.6	51.9	0.0	12.98
37873.00	413	251	2400	0.221	32.9	28.7	11.8	51.9	0.0	12.97
37873.04	413	252	100	0.275	47.5	35.7	11.9	54.0	0.0	12.96
37873.08	413	252	200	0.300	31.7	40.9	12.2	57.3	0.0	12.96
37873.13	413	252	300	0.228	37.5	33.2	11.6	75.3	0.0	12.95
37873.17	413	252	400	0.253	47.4	23.3	10.5	93.8	0.0	12.95
37873.21	413	252	500	0.266	26.1	35.9	10.1	96.1	0.0	12.94
37873.25	413	252	600	0.250	81.0	38.8	10.5	95.5	0.0	12.93
37873.29	413	252	700	0.261	74.9	37.4	11.2	94.7	8.0	12.92
37873.33	413	252	800	0.193	41.0	51.5	11.7	95.9	43.3	12.94
37873.38	413	252	900	0.294	47.3	39.2	11.9	95.3	78.1	13.14
37873.42	413	252	1000	0.367	57.7	48.8	12.5	94.5	99.0	13.41
37873.46	413	252	1100	0.317	49.6	81.2	13.5	92.7	101.8	13.46
37873.50	413	252	1200	0.285	56.8	73.8	14.3	89.7	122.4	13.66
37873.54	413	252	1300	0.367	344.1	96.3	13.9	89.2	124.9	13.66
37873.58	413	252	1400	0.369	56.3	42.2	14.7	85.8	174.9	13.67
37873.63	413	252	1500	0.195	35.4	43.4	15.2	86.3	83.1	13.48
37873.67	413	252	1600	0.264	21.8	38.4	15.3	86.1	91.8	13.51
37873.71	413	252	1700	0.373	14.8	51.9	16.1	78.7	139.1	13.58
37873.75	413	252	1800	0.174	349.3	57.7	15.5	84.3	42.1	13.20
37873.79	413	252	1900	0.224	30.5	26.0	14.6	92.9	6.8	13.12
37873.83	413	252	2000	0.349	46.5	25.4	13.4	94.8	0.0	13.09
37873.88	413	252	2100	0.237	45.2	29.3	13.0	95.5	0.0	13.06
37873.92	413	252	2200	0.290	38.3	19.4	12.6	96.0	0.0	13.04
37873.96	413	252	2300	0.302	58.8	37.0	13.2	92.3	0.0	13.03
37874.00	413	252	2400	0.207	33.1	27.5	12.7	93.3	0.0	13.01
37874.04	413	253	100	0.309	54.3	33.8	11.8	94.4	0.0	12.99
37874.08	413	253	200	0.303	47.4	41.6	10.8	95.2	0.0	12.97
37874.13	413	253	300	0.277	68.2	50.4	10.3	94.4	0.0	12.95
37874.17	413	253	400	0.377	59.9	35.1	9.9	93.8	0.0	12.93
37874.21	413	253	500	0.616	55.1	27.2	10.0	92.9	0.0	12.91
37874.25	413	253	600	0.807	52.8	38.3	11.7	83.1	0.0	12.90
37874.29	413	253	700	0.632	49.3	40.0	12.6	77.6	0.3	12.89
37874.33	413	253	800	0.588	56.5	58.2	13.9	71.4	167.6	13.15
37874.38	413	253	900	0.450	161.4	64.0	18.2	51.7	432.9	13.56
37874.42	413	253	1000	0.606	161.8	74.9	20.9	37.6	577.9	13.42
37874.46	413	253	1100	0.797	88.0	77.8	22.6	33.8	703.0	13.32
37874.50	413	253	1200	0.927	81.0	71.2	24.3	30.5	738.0	13.27
37874.54	413	253	1300	1.088	63.9	66.0	25.3	29.2	764.0	13.23
37874.58	413	253	1400	0.906	50.6	74.8	26.1	27.0	720.0	13.18
37874.63	413	253	1500	0.984	68.2	69.2	27.0	22.4	623.9	13.17
37874.67	413	253	1600	1.194	64.5	69.0	26.6	21.6	472.2	13.18
37874.71	413	253	1700	0.853	64.9	77.4	25.9	23.1	216.1	13.18

37874.75	413	253	1800	0.433	40.3	74.8	23.8	27.0	38.2	13.10
37874.79	413	253	1900	0.493	39.5	18.0	17.9	54.8	5.0	13.06
37874.83	413	253	2000	0.372	26.2	33.8	14.3	67.7	8.0	13.01
37874.88	413	253	2100	0.919	76.8	75.8	19.7	37.0	1.0	12.98
37874.92	413	253	2200	0.487	248.3	68.4	16.7	53.0	0.2	12.97
37874.96	413	253	2300	0.609	15.8	78.8	15.2	55.6	0.0	12.96
37875.00	413	253	2400	0.814	326.9	97.5	20.3	34.4	0.0	12.95
37875.04	413	254	100	0.691	247.1	72.9	16.1	55.6	0.0	12.94
37875.08	413	254	200	0.863	3.4	93.8	16.8	50.3	0.0	12.93
37875.13	413	254	300	0.765	239.8	80.9	19.4	41.0	0.0	12.93
37875.17	413	254	400	0.523	46.5	50.3	14.7	61.8	0.0	12.93
37875.21	413	254	500	0.517	32.3	73.1	13.9	64.6	0.0	12.91
37875.25	413	254	600	0.572	12.7	101.2	17.9	47.4	0.1	12.90
37875.29	413	254	700	0.619	233.6	93.3	15.1	63.5	26.1	12.90
37875.33	413	254	800	0.759	210.8	78.8	18.6	49.7	144.9	13.08
37875.38	413	254	900	0.736	167.7	92.7	23.5	32.8	433.3	13.46
37875.42	413	254	1000	0.529	109.1	82.7	26.9	27.5	585.9	13.31
37875.46	413	254	1100	1.052	57.7	64.2	28.5	24.5	699.6	13.22
37875.50	413	254	1200	1.006	53.9	75.6	29.3	23.7	768.0	13.17
37875.54	413	254	1300	1.074	55.2	69.8	30.5	22.1	787.0	13.13
37875.58	413	254	1400	0.833	62.9	79.6	31.4	21.8	719.0	13.11
37875.63	413	254	1500	1.241	73.4	65.7	31.7	19.8	615.7	13.10
37875.67	413	254	1600	1.063	49.6	66.1	31.5	20.9	471.5	13.10
37875.71	413	254	1700	0.654	40.8	71.8	30.6	23.8	200.0	13.10
37875.75	413	254	1800	0.614	100.8	93.7	28.2	30.2	6.5	13.04
37875.79	413	254	1900	0.513	42.6	41.4	23.8	44.9	3.4	13.01
37875.83	413	254	2000	0.611	40.2	20.6	19.8	59.5	0.0	12.99
37875.88	413	254	2100	0.613	44.5	21.1	18.1	64.1	4.8	12.95
37875.92	413	254	2200	0.671	40.7	53.5	18.9	54.6	13.0	12.93
37875.96	413	254	2300	0.791	16.8	72.5	22.9	34.8	7.9	12.92
37876.00	413	254	2400	0.777	351.5	95.3	22.1	37.7	11.1	12.92
37876.04	413	255	100	0.801	46.8	53.3	20.0	44.0	8.6	12.91
37876.08	413	255	200	1.409	52.3	56.2	22.5	34.1	7.4	12.91
37876.13	413	255	300	0.779	19.7	79.5	21.5	37.9	8.4	12.90
37876.17	413	255	400	0.935	10.6	90.1	20.4	44.8	8.6	12.90
37876.21	413	255	500	1.504	61.2	63.9	20.4	45.9	5.3	12.89
37876.25	413	255	600	0.981	11.0	86.3	20.2	47.9	18.1	12.89
37876.29	413	255	700	0.686	267.8	88.0	19.2	49.7	41.9	12.89
37876.33	413	255	800	0.835	213.5	72.4	20.1	45.2	139.0	13.03
37876.38	413	255	900	0.931	125.0	93.3	23.0	29.0	435.8	13.42
37876.42	413	255	1000	1.120	74.6	64.2	25.7	21.3	587.9	13.32
37876.46	413	255	1100	1.078	89.2	73.5	27.5	16.2	706.0	13.25
37876.50	413	255	1200	1.084	58.9	75.7	28.6	15.6	771.0	13.18
37876.54	413	255	1300	1.176	62.5	68.2	29.5	16.5	785.0	13.14
37876.58	413	255	1400	1.013	29.7	75.6	30.5	17.1	723.0	13.12
37876.63	413	255	1500	0.985	61.7	69.3	31.5	15.8	621.0	13.10
37876.67	413	255	1600	1.133	64.6	60.3	31.4	15.2	473.5	13.10
37876.71	413	255	1700	0.861	49.9	61.5	29.7	16.2	201.0	13.11
37876.75	413	255	1800	0.841	46.4	74.7	27.3	16.2	5.9	13.03
37876.79	413	255	1900	0.783	54.5	73.3	25.6	15.4	2.5	13.00
37876.83	413	255	2000	1.498	61.1	58.8	25.0	14.6	0.3	12.97
37876.88	413	255	2100	1.728	67.9	55.6	24.4	15.3	0.7	12.95

37876.92	413	255	2200	1.850	58.3	58.0	23.3	17.4	1.7	12.93
37876.96	413	255	2300	1.945	56.3	60.1	22.5	17.4	5.3	12.92
37877.00	413	255	2400	1.648	44.6	63.8	22.0	18.1	8.0	12.90
37877.04	413	256	100	1.816	54.0	59.2	21.3	18.4	7.9	12.90
37877.08	413	256	200	1.989	52.7	59.2	21.1	18.8	5.3	12.89
37877.13	413	256	300	1.717	52.2	56.2	21.1	19.2	9.2	12.89
37877.17	413	256	400	1.531	55.2	53.0	20.2	20.1	9.7	12.88
37877.21	413	256	500	1.781	65.9	49.3	19.6	19.9	4.6	12.88
37877.25	413	256	600	1.430	55.9	55.2	19.2	20.5	18.8	12.87
37877.29	413	256	700	1.504	63.5	51.9	19.4	20.8	41.9	12.87
37877.33	413	256	800	1.206	54.9	70.2	20.7	20.0	145.8	13.02
37877.38	413	256	900	1.368	55.9	89.6	23.0	17.6	445.7	13.42
37877.42	413	256	1000	1.292	210.0	87.0	24.9	15.2	606.0	13.33
37877.46	413	256	1100	1.040	115.3	94.2	26.8	14.0	714.0	13.25
37877.50	413	256	1200	0.953	116.3	87.4	28.3	13.9	780.0	13.19
37877.54	413	256	1300	1.101	42.3	67.0	29.7	12.8	795.0	13.14
37877.58	413	256	1400	1.273	52.9	64.3	30.7	12.0	728.0	13.12
37877.63	413	256	1500	1.211	58.6	66.0	31.3	11.2	624.5	13.10
37877.67	413	256	1600	1.213	65.4	62.1	31.4	10.6	474.3	13.10
37877.71	413	256	1700	1.103	58.0	68.0	30.3	10.7	196.8	13.11
37877.75	413	256	1800	0.795	49.6	59.0	28.0	12.5	5.0	13.03
37877.79	413	256	1900	0.819	53.5	44.1	25.1	15.5	2.9	13.00
37877.83	413	256	2000	1.013	53.3	37.5	23.9	15.4	0.2	12.96
37877.88	413	256	2100	1.167	54.1	44.2	23.6	14.5	1.3	12.94
37877.92	413	256	2200	1.164	38.6	49.4	23.3	14.5	6.1	12.92
37877.96	413	256	2300	1.269	36.0	52.5	23.1	14.4	10.6	12.90
37878.00	413	256	2400	1.292	28.8	55.3	22.4	14.5	7.4	12.89
37878.04	413	257	100	1.143	17.3	49.1	21.7	15.6	7.5	12.89
37878.08	413	257	200	0.940	23.4	47.0	20.3	17.3	10.5	12.88
37878.13	413	257	300	1.068	18.7	47.6	20.0	16.7	5.7	12.87
37878.17	413	257	400	0.997	22.9	56.7	19.9	16.4	7.0	12.87
37878.21	413	257	500	0.870	23.0	62.4	19.4	16.9	5.0	12.87
37878.25	413	257	600	0.652	52.6	64.8	18.3	18.6	12.8	12.86
37878.29	413	257	700	0.542	44.3	67.9	17.7	21.2	41.9	12.85
37878.33	413	257	800	0.506	86.0	39.8	17.9	29.2	146.8	13.01
37878.38	413	257	900	0.503	87.5	32.8	22.9	25.2	438.4	13.45
37878.42	413	257	1000	0.511	150.4	80.0	27.5	18.2	597.6	13.29
37878.46	413	257	1100	0.651	170.1	83.7	29.1	13.2	710.0	13.20
37878.50	413	257	1200	0.611	143.4	94.3	29.8	13.3	781.0	13.14
37878.54	413	257	1300	0.727	206.0	85.3	30.7	11.9	795.0	13.11
37878.58	413	257	1400	0.846	215.5	85.3	31.0	11.2	729.0	13.09
37878.63	413	257	1500	0.681	151.3	85.7	31.9	10.9	617.7	13.07
37878.67	413	257	1600	0.517	323.8	98.2	31.6	12.2	470.7	13.06
37878.71	413	257	1700	0.469	336.6	80.1	29.5	15.7	180.7	13.07
37878.75	413	257	1800	0.268	0.6	48.2	24.1	26.8	5.7	13.01
37878.79	413	257	1900	0.570	31.3	16.9	19.5	41.0	1.7	12.97
37878.83	413	257	2000	0.533	45.4	20.5	17.6	42.6	1.7	12.93
37878.88	413	257	2100	0.430	32.5	20.8	16.7	42.7	13.6	12.90
37878.92	413	257	2200	0.527	28.1	14.3	15.6	46.8	4.7	12.88
37878.96	413	257	2300	0.516	38.0	18.8	15.1	48.3	0.5	12.86
37879.00	413	257	2400	0.495	44.8	20.8	14.7	49.1	0.0	12.85
37879.04	413	258	100	0.313	37.0	23.4	14.2	51.5	0.0	12.84

37879.08	413	258	200	0.521	35.1	21.4	13.1	57.4	0.0	12.83
37879.13	413	258	300	0.499	41.3	23.4	12.8	57.7	0.0	12.82
37879.17	413	258	400	0.440	38.1	24.1	12.6	59.6	0.0	12.81
37879.21	413	258	500	0.362	39.3	34.6	12.6	59.4	0.0	12.81
37879.25	413	258	600	0.411	26.9	27.9	12.9	59.1	0.0	12.80
37879.29	413	258	700	0.384	47.5	22.5	13.9	57.5	44.7	12.83
37879.33	413	258	800	0.325	58.5	26.3	15.9	58.7	109.6	13.15
37879.38	413	258	900	0.235	114.4	71.1	20.8	44.5	369.8	13.53
37879.42	413	258	1000	0.526	163.4	79.9	22.8	30.8	432.0	13.39
37879.46	413	258	1100	0.680	197.4	67.2	24.8	26.3	677.9	13.29
37879.50	413	258	1200	0.742	160.9	80.4	26.6	24.6	754.0	13.21
37879.54	413	258	1300	0.671	238.1	93.5	27.8	23.4	751.0	13.16
37879.58	413	258	1400	0.725	187.6	99.8	28.4	22.7	691.3	13.13
37879.63	413	258	1500	0.796	147.4	94.4	28.1	23.3	591.0	13.12
37879.67	413	258	1600	0.697	337.6	96.1	27.8	27.5	436.8	13.12
37879.71	413	258	1700	0.471	8.2	87.8	26.2	32.0	176.6	13.13
37879.75	413	258	1800	0.261	349.5	54.9	22.2	42.3	23.7	13.04
37879.79	413	258	1900	0.437	22.2	22.3	18.2	56.9	0.2	13.00
37879.83	413	258	2000	0.492	24.8	19.4	15.9	63.4	7.6	12.95
37879.88	413	258	2100	0.456	40.5	26.5	14.9	63.1	6.1	12.93
37879.92	413	258	2200	0.475	41.7	23.4	14.1	64.1	0.4	12.90
37879.96	413	258	2300	0.514	35.7	21.3	12.9	69.0	0.0	12.88
37880.00	413	258	2400	0.486	35.5	26.4	12.1	72.4	0.0	12.86
37880.04	413	259	100	0.583	40.4	23.5	11.2	75.2	0.0	12.84
37880.08	413	259	200	0.451	28.5	18.1	10.7	76.3	0.0	12.83
37880.13	413	259	300	0.510	26.8	17.5	9.9	81.2	0.0	12.82
37880.17	413	259	400	0.435	26.5	24.0	9.5	83.2	0.0	12.81
37880.21	413	259	500	0.397	27.4	18.1	9.0	86.3	0.0	12.80
37880.25	413	259	600	0.419	54.2	30.0	9.3	86.3	0.1	12.79
37880.29	413	259	700	0.325	23.9	23.2	9.7	86.6	49.9	12.80
37880.33	413	259	800	0.300	55.1	35.8	11.8	78.5	137.3	13.10
37880.38	413	259	900	0.295	201.0	46.4	16.2	54.6	347.9	13.64
37880.42	413	259	1000	0.531	215.9	73.9	18.8	39.6	477.6	13.48
37880.46	413	259	1100	0.594	211.7	85.0	20.3	30.2	613.6	13.38
37880.50	413	259	1200	0.720	225.1	99.3	21.2	28.5	689.0	13.30
37880.54	413	259	1300	0.625	184.9	99.4	22.0	27.7	702.0	13.26
37880.58	413	259	1400	0.826	280.9	90.1	22.5	27.5	635.0	13.22
37880.63	413	259	1500	0.699	252.0	101.2	23.0	25.2	584.0	13.21
37880.67	413	259	1600	0.670	335.2	93.9	23.1	26.5	422.4	13.19
37880.71	413	259	1700	0.646	331.9	73.9	21.9	30.7	162.6	13.23
37880.75	413	259	1800	0.361	354.4	63.4	19.2	43.6	41.4	13.12
37880.79	413	259	1900	0.299	11.9	43.6	15.6	55.4	13.1	13.05
37880.83	413	259	2000	0.408	18.0	15.2	12.6	66.1	1.3	13.02
37880.88	413	259	2100	0.367	20.8	22.7	11.3	69.3	0.0	12.99
37880.92	413	259	2200	0.373	23.4	18.3	10.4	71.9	0.0	12.96
37880.96	413	259	2300	0.457	27.1	23.6	9.5	75.0	0.0	12.94
37881.00	413	259	2400	0.909	49.2	52.7	12.3	60.8	0.0	12.92
37881.04	413	260	100	1.334	51.4	54.9	12.8	53.6	0.0	12.91
37881.08	413	260	200	1.404	55.3	58.0	12.3	45.1	0.0	12.90
37881.13	413	260	300	1.658	57.6	62.5	11.3	48.2	0.0	12.89
37881.17	413	260	400	1.637	47.1	66.8	10.6	50.6	0.0	12.87
37881.21	413	260	500	1.434	28.7	69.5	10.4	49.5	0.0	12.86

37881.25	413	260	600	1.795	48.3	59.1	10.8	44.5	0.0	12.84
37881.29	413	260	700	1.388	29.8	75.4	10.9	43.8	0.7	12.83
37881.33	413	260	800	1.627	21.9	73.9	12.2	39.4	145.9	13.05
37881.38	413	260	900	2.119	50.4	61.9	14.3	33.0	428.2	13.66
37881.42	413	260	1000	1.661	84.2	70.4	16.6	27.1	585.3	13.56
37881.46	413	260	1100	1.355	122.7	92.5	18.9	21.1	692.9	13.45
37881.50	413	260	1200	1.290	72.6	89.6	21.0	20.0	754.0	13.35
37881.54	413	260	1300	1.257	88.3	73.4	22.3	19.3	754.0	13.28
37881.58	413	260	1400	1.307	71.5	64.0	23.3	17.0	689.9	13.25
37881.63	413	260	1500	1.340	69.6	62.9	24.1	15.1	585.5	13.22
37881.67	413	260	1600	1.290	75.5	55.5	24.1	14.4	406.9	13.23
37881.71	413	260	1700	1.009	59.3	64.1	23.3	14.0	176.0	13.25
37881.75	413	260	1800	0.482	35.2	52.7	20.8	16.6	39.6	13.11
37881.79	413	260	1900	0.509	41.4	14.3	14.5	36.9	13.0	13.07
37881.83	413	260	2000	0.532	44.6	31.0	11.7	41.8	0.8	13.03
37881.88	413	260	2100	0.713	46.8	49.9	15.5	23.5	0.0	13.00
37881.92	413	260	2200	1.130	53.1	59.9	18.1	17.0	0.0	12.99
37881.96	413	260	2300	1.248	56.4	56.1	19.7	14.7	0.0	12.99
37882.00	413	260	2400	0.931	47.0	60.1	19.3	14.7	0.0	12.98
37882.04	413	261	100	1.199	57.6	54.6	18.9	14.4	0.0	12.97
37882.08	413	261	200	1.106	50.0	57.1	18.9	14.3	0.0	12.96
37882.13	413	261	300	0.950	60.0	45.3	18.0	15.5	0.0	12.95
37882.17	413	261	400	1.016	51.7	50.1	18.5	14.2	0.0	12.93
37882.21	413	261	500	1.150	59.0	43.7	18.1	14.3	0.0	12.92
37882.25	413	261	600	1.061	46.6	49.5	17.4	15.9	0.0	12.90
37882.29	413	261	700	1.017	46.5	50.0	16.6	19.4	24.3	12.89
37882.33	413	261	800	0.974	49.7	51.5	17.8	20.4	150.2	13.06
37882.38	413	261	900	1.000	32.3	88.1	20.9	18.1	428.8	13.52
37882.42	413	261	1000	0.622	208.2	92.0	23.4	16.8	581.2	13.37
37882.46	413	261	1100	0.596	149.8	90.7	25.0	16.2	690.9	13.28
37882.50	413	261	1200	0.698	182.3	81.1	26.0	15.1	755.0	13.22
37882.54	413	261	1300	0.713	204.9	91.4	27.2	14.8	755.0	13.17
37882.58	413	261	1400	0.773	177.8	93.3	28.4	14.7	699.4	13.13
37882.63	413	261	1500	0.878	172.6	82.3	29.2	14.0	597.2	13.12
37882.67	413	261	1600	0.794	154.7	85.7	29.5	14.3	449.4	13.12
37882.71	413	261	1700	0.682	201.1	79.5	28.0	15.9	180.0	13.13
37882.75	413	261	1800	0.445	29.9	73.8	23.4	24.8	2.8	13.05
37882.79	413	261	1900	0.574	30.1	15.8	17.6	41.0	0.9	13.00
37882.83	413	261	2000	0.481	30.1	31.4	15.8	37.2	8.7	12.96
37882.88	413	261	2100	0.484	39.5	36.4	15.3	35.5	3.7	12.93
37882.92	413	261	2200	0.463	34.3	29.8	14.6	38.6	0.1	12.91
37882.96	413	261	2300	0.537	56.2	38.0	15.5	36.0	0.0	12.89
37883.00	413	261	2400	0.539	86.6	49.4	17.3	27.4	0.0	12.89
37883.04	413	262	100	0.401	49.8	43.6	15.0	32.6	0.0	12.88
37883.08	413	262	200	0.370	44.3	41.1	13.3	36.8	0.0	12.86
37883.13	413	262	300	0.365	62.1	47.5	13.4	36.2	0.0	12.85
37883.17	413	262	400	0.309	67.7	57.5	13.4	36.3	0.0	12.84
37883.21	413	262	500	0.333	83.3	58.5	14.5	32.7	0.0	12.84
37883.25	413	262	600	0.447	82.1	55.3	15.2	30.6	0.0	12.84
37883.29	413	262	700	0.465	70.2	63.4	15.1	32.0	20.7	12.83
37883.33	413	262	800	0.629	68.6	52.2	16.8	31.8	123.7	13.01
37883.38	413	262	900	0.717	26.4	62.3	22.8	21.7	402.3	13.53

37883.42	413	262	1000	0.432	161.4	77.2	25.9	19.7	556.4	13.34
37883.46	413	262	1100	0.607	136.0	83.3	27.1	17.8	668.8	13.24
37883.50	413	262	1200	0.755	162.6	83.4	28.2	16.2	750.0	13.18
37883.54	413	262	1300	0.833	178.8	87.8	28.9	15.9	746.0	13.13
37883.58	413	262	1400	0.629	168.8	88.7	29.3	15.4	691.7	13.11
37883.63	413	262	1500	0.671	185.0	93.2	29.5	15.7	587.2	13.10
37883.67	413	262	1600	0.437	226.5	86.7	29.9	16.9	443.5	13.09
37883.71	413	262	1700	0.304	273.7	82.5	27.1	23.3	185.4	13.10
37883.75	413	262	1800	0.330	9.9	43.7	21.8	33.0	4.6	13.02
37883.79	413	262	1900	0.544	37.7	18.7	17.6	49.3	1.2	12.98
37883.83	413	262	2000	0.535	24.3	19.6	15.9	43.6	8.3	12.94
37883.88	413	262	2100	0.322	25.6	33.9	15.2	42.9	6.4	12.91
37883.92	413	262	2200	0.326	35.9	42.5	14.7	44.2	0.3	12.89
37883.96	413	262	2300	0.436	47.4	42.5	14.8	43.0	0.0	12.87
37884.00	413	262	2400	0.400	81.9	55.3	16.2	39.2	0.0	12.86
37884.04	413	263	100	0.458	69.6	44.6	16.4	38.9	0.0	12.85
37884.08	413	263	200	0.748	56.3	27.9	16.8	39.3	0.0	12.85
37884.13	413	263	300	0.817	49.6	36.9	18.3	36.8	0.0	12.85
37884.17	413	263	400	0.813	43.8	38.9	19.7	33.2	0.0	12.85
37884.21	413	263	500	1.202	42.8	47.4	21.4	29.5	0.0	12.85
37884.25	413	263	600	1.078	45.2	47.6	21.3	29.3	1.7	12.86
37884.29	413	263	700	1.259	55.5	43.7	21.7	29.2	39.1	12.86
37884.33	413	263	800	1.203	53.6	46.1	22.7	28.1	107.2	12.99
37884.38	413	263	900	1.285	49.7	54.0	25.4	24.9	397.6	13.41
37884.42	413	263	1000	1.108	58.9	57.2	28.5	19.9	572.9	13.29
37884.46	413	263	1100	0.921	54.3	73.6	30.8	15.3	685.7	13.19
37884.50	413	263	1200	0.963	60.0	75.2	32.2	14.4	752.0	13.13
37884.54	413	263	1300	0.704	191.5	87.3	33.1	13.7	735.0	13.09
37884.58	413	263	1400	0.708	224.4	96.5	33.8	12.5	694.5	13.05
37884.63	413	263	1500	0.651	154.3	85.2	34.4	12.3	584.8	13.04
37884.67	413	263	1600	0.576	226.4	88.4	34.1	14.0	442.9	13.03
37884.71	413	263	1700	0.500	24.1	68.6	32.5	14.1	187.4	13.04
37884.75	413	263	1800	0.591	33.4	30.5	27.3	24.3	0.2	13.00
37884.79	413	263	1900	0.683	35.7	17.9	20.7	39.6	0.9	12.96
37884.83	413	263	2000	0.736	44.4	16.7	18.4	38.5	0.0	12.92
37884.88	413	263	2100	0.763	46.5	23.2	19.0	31.0	8.4	12.89
37884.92	413	263	2200	0.853	53.4	19.4	19.4	29.4	13.7	12.88
37884.96	413	263	2300	0.992	53.2	35.8	22.6	21.3	11.6	12.87
37885.00	413	263	2400	1.131	56.6	35.3	25.1	15.6	7.4	12.87
37885.04	413	264	100	1.135	53.8	40.8	25.4	15.1	11.7	12.87
37885.08	413	264	200	1.071	54.9	43.1	25.0	15.3	12.1	12.87
37885.13	413	264	300	1.377	45.6	49.4	25.5	14.1	10.6	12.87
37885.17	413	264	400	1.394	47.1	46.6	24.9	14.4	12.0	12.87
37885.21	413	264	500	1.496	41.0	50.1	24.9	14.2	12.2	12.87
37885.25	413	264	600	1.591	47.9	55.4	24.6	14.3	19.4	12.87
37885.29	413	264	700	1.464	47.6	53.3	24.0	15.5	40.9	12.87
37885.33	413	264	800	1.412	48.5	47.7	25.1	15.8	102.1	13.00
37885.38	413	264	900	1.216	36.5	53.8	27.6	15.6	374.9	13.34
37885.42	413	264	1000	1.105	38.4	59.5	30.2	14.8	564.5	13.25
37885.46	413	264	1100	0.671	98.8	92.3	32.6	13.5	678.9	13.15
37885.50	413	264	1200	0.691	167.9	90.9	33.3	13.5	734.0	13.10
37885.54	413	264	1300	0.736	173.5	81.0	34.0	12.1	728.0	13.06

37885.58	413	264	1400	0.713	169.3	89.5	34.6	11.8	694.9	13.03
37885.63	413	264	1500	0.698	176.6	74.9	34.8	12.5	582.8	13.03
37885.67	413	264	1600	0.629	170.3	80.1	34.6	13.7	437.7	13.03
37885.71	413	264	1700	0.265	292.1	94.6	32.1	17.5	188.7	13.03
37885.75	413	264	1800	0.447	19.3	22.7	25.5	30.2	0.3	12.98
37885.79	413	264	1900	0.505	31.2	14.2	21.1	44.1	0.8	12.95
37885.83	413	264	2000	0.378	40.2	43.4	20.3	35.5	0.2	12.90
37885.88	413	264	2100	0.352	42.9	38.7	19.7	34.1	3.5	12.87
37885.92	413	264	2200	0.215	20.3	41.1	17.8	41.1	12.4	12.86
37885.96	413	264	2300	0.425	38.6	33.3	17.6	36.4	6.3	12.85
37886.00	413	264	2400	0.518	35.8	30.6	16.9	39.9	1.5	12.84
37886.04	413	265	100	0.451	44.8	40.0	18.1	32.4	1.1	12.83
37886.08	413	265	200	0.746	57.7	41.7	20.5	25.9	0.3	12.82
37886.13	413	265	300	0.591	66.9	37.5	20.1	25.7	0.4	12.83
37886.17	413	265	400	0.502	63.5	44.9	20.2	24.3	1.0	12.83
37886.21	413	265	500	0.588	73.0	52.7	20.5	22.4	0.5	12.82
37886.25	413	265	600	0.633	39.2	61.5	20.8	21.2	4.7	12.83
37886.29	413	265	700	0.638	21.7	50.5	20.6	22.8	41.1	12.83
37886.33	413	265	800	0.545	85.0	63.6	21.6	23.4	96.2	13.01
37886.38	413	265	900	0.454	90.3	40.5	24.8	24.6	364.6	13.41
37886.42	413	265	1000	0.386	112.0	38.8	30.2	20.5	567.7	13.26
37886.46	413	265	1100	0.490	172.2	78.0	33.4	13.4	682.7	13.15
37886.50	413	265	1200	0.649	161.1	73.1	34.6	11.4	743.0	13.09
37886.54	413	265	1300	0.681	167.8	87.8	35.2	11.2	736.0	13.03
37886.58	413	265	1400	0.691	203.1	88.6	35.8	10.8	699.9	13.02
37886.63	413	265	1500	0.678	201.1	96.1	35.5	11.1	587.0	13.01
37886.67	413	265	1600	0.514	347.3	95.4	35.1	12.5	437.1	13.00
37886.71	413	265	1700	0.279	321.0	89.9	31.8	18.1	184.2	13.01
37886.75	413	265	1800	0.407	19.6	11.6	24.9	33.0	0.1	12.96
37886.79	413	265	1900	0.602	38.8	15.6	20.5	45.1	0.7	12.92
37886.83	413	265	2000	0.534	33.1	23.8	19.2	38.4	0.2	12.89
37886.88	413	265	2100	0.464	36.5	32.9	19.3	32.2	6.1	12.86
37886.92	413	265	2200	0.399	38.7	33.7	18.3	32.8	14.6	12.85
37886.96	413	265	2300	0.413	76.9	48.5	19.3	29.6	7.4	12.84
37887.00	413	265	2400	0.453	81.6	49.1	19.7	28.7	4.6	12.83
37887.04	413	266	100	0.440	63.2	47.6	19.3	29.6	2.0	12.83
37887.08	413	266	200	0.656	66.1	32.7	20.2	27.1	2.2	12.82
37887.13	413	266	300	0.689	62.3	29.6	20.4	26.8	0.6	12.82
37887.17	413	266	400	0.717	63.6	28.1	20.3	27.0	1.7	12.82
37887.21	413	266	500	0.509	61.5	34.8	20.0	28.0	2.2	12.82
37887.25	413	266	600	0.489	66.8	42.0	20.0	27.5	4.7	12.82
37887.29	413	266	700	0.494	79.2	51.3	20.0	28.4	40.6	12.82
37887.33	413	266	800	0.419	85.9	45.8	20.0	34.3	111.3	13.00
37887.38	413	266	900	0.351	72.7	37.9	23.8	35.4	348.3	13.43
37887.42	413	266	1000	0.240	107.0	65.6	30.5	25.2	552.6	13.27
37887.46	413	266	1100	0.450	213.4	73.5	33.9	15.3	672.8	13.15
37887.50	413	266	1200	0.645	147.5	90.3	35.3	12.6	713.0	13.09
37887.54	413	266	1300	0.695	162.7	85.8	35.6	12.4	712.0	13.03
37887.58	413	266	1400	0.683	187.5	95.1	35.8	12.2	673.5	13.02
37887.63	413	266	1500	0.568	150.2	90.6	36.0	11.8	554.6	13.00
37887.67	413	266	1600	0.453	215.0	96.9	35.0	13.6	421.0	13.00
37887.71	413	266	1700	0.277	300.7	76.8	31.1	19.7	183.0	13.02

37887.75	413	266	1800	0.380	20.0	13.8	24.9	35.3	4.2	12.97
37887.79	413	266	1900	0.613	43.0	15.3	20.7	46.2	1.0	12.93
37887.83	413	266	2000	0.582	29.1	22.7	19.6	37.3	0.3	12.89
37887.88	413	266	2100	0.488	32.5	26.7	18.3	39.0	5.7	12.86
37887.92	413	266	2200	0.395	39.8	22.7	17.3	41.8	12.4	12.85
37887.96	413	266	2300	0.462	28.8	16.6	16.4	43.2	4.4	12.83
37888.00	413	266	2400	0.342	30.0	18.9	15.9	46.3	0.7	12.81
37888.04	413	267	100	0.456	33.0	19.5	15.9	45.5	0.1	12.81
37888.08	413	267	200	0.422	30.5	20.1	15.4	48.1	0.0	12.80
37888.13	413	267	300	0.376	32.9	26.9	15.2	48.5	0.0	12.80
37888.17	413	267	400	0.393	26.9	23.7	14.8	49.8	0.0	12.80
37888.21	413	267	500	0.443	31.9	27.0	14.6	48.8	0.0	12.79
37888.25	413	267	600	0.377	39.2	42.1	14.8	47.1	0.0	12.78
37888.29	413	267	700	0.565	79.8	43.1	16.9	38.7	34.3	12.78
37888.33	413	267	800	0.428	78.0	45.1	17.3	48.4	97.8	12.97
37888.38	413	267	900	0.337	79.1	31.4	22.5	39.7	314.5	13.48
37888.42	413	267	1000	0.271	89.7	59.3	29.0	29.5	527.1	13.31
37888.46	413	267	1100	0.416	194.0	81.8	31.9	21.5	634.6	13.18
37888.50	413	267	1200	0.581	189.4	90.3	33.5	17.7	700.0	13.11
37888.54	413	267	1300	0.799	145.5	74.7	35.4	13.4	711.0	13.06
37888.58	413	267	1400	1.026	144.6	84.6	36.1	11.8	643.4	13.03
37888.63	413	267	1500	1.123	150.6	71.8	36.2	11.5	522.5	13.03
37888.67	413	267	1600	0.835	166.8	80.3	35.5	12.5	399.4	13.03
37888.71	413	267	1700	0.491	17.3	91.3	32.1	19.1	165.9	13.03
37888.75	413	267	1800	0.453	27.6	21.5	24.9	35.6	4.2	12.97
37888.79	413	267	1900	0.594	28.0	15.1	21.2	42.3	0.8	12.94
37888.83	413	267	2000	0.568	30.2	20.1	19.6	44.8	0.6	12.90
37888.88	413	267	2100	0.328	37.0	58.1	18.5	45.7	5.4	12.87
37888.92	413	267	2200	0.434	33.8	57.3	16.9	51.3	9.7	12.85
37888.96	413	267	2300	0.472	35.7	61.1	15.5	58.9	3.4	12.83
37889.00	413	267	2400	0.505	32.2	86.2	15.0	63.8	0.6	12.82
37889.04	413	268	100	0.565	20.1	91.1	14.9	70.5	0.0	12.81
37889.08	413	268	200	0.584	319.6	93.0	15.3	72.7	0.0	12.80
37889.13	413	268	300	0.938	47.6	66.0	24.9	18.6	0.0	12.80
37889.17	413	268	400	1.150	57.8	51.2	26.3	14.2	0.4	12.82
37889.21	413	268	500	0.958	50.7	50.1	26.1	14.3	2.4	12.83
37889.25	413	268	600	0.884	35.6	59.4	26.3	14.3	10.8	12.84
37889.29	413	268	700	0.857	44.3	48.2	24.7	18.1	41.5	12.84
37889.33	413	268	800	0.712	50.3	46.6	23.1	25.7	91.8	12.94
37889.38	413	268	900	0.835	60.2	49.0	29.1	15.2	311.3	13.32
37889.42	413	268	1000	0.647	87.0	99.2	31.7	16.9	535.0	13.22
37889.46	413	268	1100	0.462	222.4	83.1	32.3	23.6	639.1	13.13
37889.50	413	268	1200	0.608	175.7	85.4	34.0	20.4	699.8	13.08
37889.54	413	268	1300	0.707	128.2	85.5	35.2	14.0	712.0	13.03
37889.58	413	268	1400	0.920	129.2	81.3	36.0	11.0	664.8	13.02
37889.63	413	268	1500	0.975	151.0	81.3	36.3	9.9	548.4	13.01
37889.67	413	268	1600	0.799	104.9	88.2	36.1	9.9	417.9	13.01
37889.71	413	268	1700	0.488	163.7	96.9	33.0	12.0	178.2	13.02
37889.75	413	268	1800	0.527	26.0	28.8	25.8	25.3	0.6	12.96
37889.79	413	268	1900	0.542	24.3	13.5	20.4	33.3	0.6	12.93
37889.83	413	268	2000	0.470	29.7	18.9	18.9	29.6	0.8	12.89
37889.88	413	268	2100	0.547	37.8	24.3	18.7	28.1	11.4	12.86

37889.92	413	268	2200	0.691	45.7	26.4	20.1	20.6	9.9	12.84
37889.96	413	268	2300	0.409	45.3	35.2	18.6	22.6	2.3	12.83
37890.00	413	268	2400	0.371	32.0	44.9	14.3	37.8	0.6	12.81
37890.04	413	269	100	0.550	44.1	60.4	15.0	36.1	0.0	12.80
37890.08	413	269	200	0.956	52.7	33.3	22.6	14.8	0.0	12.80
37890.13	413	269	300	1.024	52.6	47.8	24.8	12.5	0.0	12.81
37890.17	413	269	400	0.810	51.7	63.8	24.5	16.2	0.2	12.82
37890.21	413	269	500	0.576	3.1	95.9	20.9	26.6	0.7	12.82
37890.25	413	269	600	0.342	7.8	92.3	16.0	33.3	0.6	12.81
37890.29	413	269	700	0.284	34.6	68.8	15.0	35.3	31.9	12.80
37890.33	413	269	800	0.493	45.4	55.6	14.9	44.1	100.1	12.96
37890.38	413	269	900	0.323	73.0	63.6	21.2	34.6	303.1	13.44
37890.42	413	269	1000	0.410	173.4	61.6	28.6	22.0	546.7	13.31
37890.46	413	269	1100	0.552	162.6	82.1	33.5	17.2	655.9	13.17
37890.50	413	269	1200	0.674	255.4	93.5	33.8	17.3	709.0	13.10
37890.54	413	269	1300	0.686	217.9	87.7	34.4	14.0	712.0	13.05
37890.58	413	269	1400	0.682	154.1	77.8	35.2	12.9	661.4	13.02
37890.63	413	269	1500	0.547	170.4	96.8	35.7	12.3	546.2	13.01
37890.67	413	269	1600	0.462	217.4	101.2	35.3	13.7	414.6	13.00
37890.71	413	269	1700	0.245	285.5	82.5	31.0	19.3	163.4	13.01
37890.75	413	269	1800	0.391	24.8	18.6	25.0	33.8	0.3	12.96
37890.79	413	269	1900	0.585	40.0	17.7	20.6	45.1	1.0	12.92
37890.83	413	269	2000	0.459	23.6	11.9	18.5	46.5	0.1	12.89
37890.88	413	269	2100	0.394	25.5	13.9	16.2	52.2	11.2	12.85
37890.92	413	269	2200	0.417	28.2	11.9	14.8	55.7	5.4	12.83
37890.96	413	269	2300	0.450	31.0	12.7	14.1	57.0	0.4	12.81
37891.00	413	269	2400	0.488	38.5	16.2	13.1	60.0	0.0	12.80
37891.04	413	270	100	0.461	38.8	13.1	12.7	60.0	0.0	12.79
37891.08	413	270	200	0.508	34.1	19.2	12.3	58.8	0.0	12.78
37891.13	413	270	300	0.418	34.2	15.6	11.7	61.0	0.0	12.77
37891.17	413	270	400	0.451	28.7	16.1	10.9	63.0	0.0	12.77
37891.21	413	270	500	0.443	31.4	24.4	10.6	64.5	0.0	12.76
37891.25	413	270	600	0.461	28.9	14.2	10.2	67.3	0.0	12.76
37891.29	413	270	700	0.525	30.7	11.5	10.5	69.2	1.3	12.75
37891.33	413	270	800	0.406	45.9	16.0	11.8	70.6	85.0	12.93
37891.38	413	270	900	0.456	64.1	12.8	18.3	57.2	283.0	13.52
37891.42	413	270	1000	0.272	168.6	71.3	26.3	36.2	514.5	13.38
37891.46	413	270	1100	0.377	199.8	67.1	29.4	28.9	626.0	13.22
37891.50	413	270	1200	0.558	231.6	74.9	29.7	30.4	670.9	13.14
37891.54	413	270	1300	0.544	207.3	87.2	31.1	28.5	650.6	13.11
37891.58	413	270	1400	0.538	213.4	90.6	31.2	26.6	577.8	13.08
37891.63	413	270	1500	0.438	181.4	89.9	30.9	26.1	465.1	13.07
37891.67	413	270	1600	0.280	222.0	50.4	30.7	27.2	361.1	13.07
37891.71	413	270	1700	0.071	256.3	71.4	27.5	36.1	149.6	13.08
37891.75	413	270	1800	0.328	17.5	11.6	21.8	57.1	12.1	13.00
37891.79	413	270	1900	0.514	32.1	10.5	17.8	69.9	0.5	12.95
37891.83	413	270	2000	0.500	39.0	12.7	15.8	70.3	7.6	12.91
37891.88	413	270	2100	0.513	44.0	14.6	14.5	66.7	4.7	12.88
37891.92	413	270	2200	0.434	36.4	17.1	14.6	57.4	0.1	12.86
37891.96	413	270	2300	0.432	35.1	16.4	14.5	55.4	0.0	12.84
37892.00	413	270	2400	0.457	35.5	13.8	13.6	54.9	0.0	12.83
37892.04	413	271	100	0.454	33.0	12.7	13.3	57.5	0.0	12.81

37892.08	413	271	200	0.443	23.2	10.2	12.8	55.9	0.0	12.80
37892.13	413	271	300	0.472	28.5	10.8	12.4	59.1	0.0	12.79
37892.17	413	271	400	0.458	25.4	12.7	12.5	60.0	0.0	12.78
37892.21	413	271	500	0.455	37.6	22.5	12.6	52.7	0.0	12.78
37892.25	413	271	600	0.509	30.0	15.3	12.5	53.1	0.0	12.78
37892.29	413	271	700	0.470	30.3	17.7	12.9	55.0	15.4	12.77
37892.33	413	271	800	0.488	47.5	23.8	14.2	61.7	86.4	12.93
37892.38	413	271	900	0.332	56.6	17.1	19.3	56.3	287.8	13.49
37892.42	413	271	1000	0.312	113.2	76.1	27.1	31.4	527.7	13.35
37892.46	413	271	1100	0.514	213.0	76.4	30.3	23.8	637.3	13.20
37892.50	413	271	1200	0.572	196.3	86.5	31.8	21.1	690.3	13.13
37892.54	413	271	1300	0.599	212.0	86.7	32.3	20.3	704.0	13.09
37892.58	413	271	1400	0.568	201.0	91.6	32.6	19.3	640.0	13.04
37892.63	413	271	1500	0.538	219.4	91.2	32.0	18.4	520.5	13.03
37892.67	413	271	1600	0.426	278.1	90.0	30.8	22.6	389.8	13.03
37892.71	413	271	1700	0.256	310.6	74.4	27.4	33.2	131.8	13.06
37892.75	413	271	1800	0.262	13.8	9.8	22.3	48.9	4.4	12.98
37892.79	413	271	1900	0.421	18.5	10.5	18.5	63.0	0.5	12.94
37892.83	413	271	2000	0.405	22.7	12.3	16.2	68.1	5.8	12.90
37892.88	413	271	2100	0.519	28.8	15.5	14.8	70.6	8.5	12.88
37892.92	413	271	2200	0.418	27.4	17.7	14.0	73.3	0.5	12.85
37892.96	413	271	2300	0.506	36.8	18.4	13.3	76.3	0.0	12.83
37893.00	413	271	2400	0.502	33.9	23.1	13.1	77.5	0.0	12.82
37893.04	413	272	100	0.397	29.2	19.3	12.8	78.0	0.0	12.80
37893.08	413	272	200	0.387	28.0	16.5	12.2	81.3	0.0	12.79
37893.13	413	272	300	0.428	39.0	37.5	11.5	83.7	0.0	12.79
37893.17	413	272	400	0.360	31.1	32.0	11.3	84.0	0.0	12.78
37893.21	413	272	500	0.328	27.6	15.2	10.4	86.6	0.0	12.78
37893.25	413	272	600	0.267	16.5	14.3	9.7	88.3	0.0	12.76
37893.29	413	272	700	0.279	20.5	15.7	9.3	89.8	11.3	12.76
37893.33	413	272	800	0.342	51.6	21.5	10.8	87.5	87.8	12.94
37893.38	413	272	900	0.229	149.4	59.6	16.0	75.2	267.3	13.57
37893.42	413	272	1000	0.514	164.7	76.9	19.9	61.7	481.9	13.46
37893.46	413	272	1100	0.655	187.4	91.7	21.5	56.0	608.6	13.33
37893.50	413	272	1200	0.781	166.7	82.8	21.1	56.8	671.6	13.27
37893.54	413	272	1300	0.684	200.5	88.3	22.2	48.8	671.2	13.22
37893.58	413	272	1400	0.732	234.4	91.8	23.3	43.9	626.3	13.18
37893.63	413	272	1500	0.575	115.9	97.8	23.7	40.4	492.4	13.16
37893.67	413	272	1600	0.437	267.7	95.6	23.9	34.0	340.7	13.17
37893.71	413	272	1700	0.189	282.8	59.4	21.4	41.9	118.2	13.18
37893.75	413	272	1800	0.272	12.4	14.5	17.4	57.8	35.7	13.07
37893.79	413	272	1900	0.514	46.6	16.6	14.0	66.9	6.2	13.01
37893.83	413	272	2000	0.471	43.5	19.6	12.3	67.1	0.5	12.98
37893.88	413	272	2100	0.479	44.0	27.6	11.9	67.5	0.0	12.95
37893.92	413	272	2200	0.375	35.3	32.2	11.9	66.6	0.0	12.94
37893.96	413	272	2300	0.480	31.3	17.5	10.9	69.8	0.0	12.92
37894.00	413	272	2400	0.407	34.5	27.3	10.9	67.9	0.0	12.90
37894.04	413	273	100	0.434	35.5	27.6	10.6	67.6	0.0	12.89
37894.08	413	273	200	0.407	36.2	28.7	10.1	68.2	0.0	12.87
37894.13	413	273	300	0.459	45.4	27.0	9.4	64.1	0.0	12.86
37894.17	413	273	400	0.391	40.5	32.1	9.2	58.5	0.0	12.84
37894.21	413	273	500	0.415	44.9	31.8	9.4	55.2	0.0	12.83

37894.25	413	273	600	0.393	43.6	27.0	8.8	58.1	0.0	12.81
37894.29	413	273	700	0.339	42.8	23.1	8.9	60.0	0.0	12.80
37894.33	413	273	800	0.371	43.2	27.0	10.2	67.1	82.1	13.02
37894.38	413	273	900	0.375	90.4	31.7	16.4	52.4	284.4	13.62
37894.42	413	273	1000	0.358	147.0	57.3	23.0	31.5	519.3	13.44
37894.46	413	273	1100	0.527	176.6	80.8	25.3	22.3	624.8	13.29
37894.50	413	273	1200	0.655	177.9	77.7	25.8	21.4	671.2	13.21
37894.54	413	273	1300	0.581	210.7	83.9	26.8	21.3	670.8	13.16
37894.58	413	273	1400	0.635	203.5	74.5	27.6	20.7	619.5	13.12
37894.63	413	273	1500	0.621	181.4	85.5	27.6	20.8	512.5	13.12
37894.67	413	273	1600	0.493	348.7	97.4	27.2	23.7	374.3	13.12
37894.71	413	273	1700	0.166	273.6	76.9	24.0	31.4	110.3	13.11
37894.75	413	273	1800	0.368	19.6	12.3	18.9	48.4	0.7	13.02
37894.79	413	273	1900	0.500	40.5	15.9	16.3	55.5	3.9	12.98
37894.83	413	273	2000	0.512	51.6	16.5	14.8	56.8	5.5	12.95
37894.88	413	273	2100	0.461	39.0	20.7	13.6	56.2	0.1	12.92
37894.92	413	273	2200	0.412	33.6	25.5	13.5	52.3	0.0	12.90
37894.96	413	273	2300	0.534	38.1	20.9	12.2	59.7	0.0	12.88
37895.00	413	273	2400	0.414	36.5	22.0	11.8	62.1	0.0	12.86
37895.04	413	274	100	0.300	28.6	26.0	12.2	61.1	0.0	12.85
37895.08	413	274	200	0.402	31.3	19.7	12.2	63.8	0.0	12.84
37895.13	413	274	300	0.340	34.9	16.8	12.2	67.5	0.0	12.83
37895.17	413	274	400	0.328	42.8	14.5	11.9	68.4	0.0	12.82
37895.21	413	274	500	0.378	33.9	18.3	11.2	71.7	0.0	12.82
37895.25	413	274	600	0.414	37.1	29.0	11.4	72.3	0.0	12.81
37895.29	413	274	700	0.473	41.2	31.9	11.7	71.7	10.2	12.80
37895.33	413	274	800	0.330	39.4	20.8	12.2	76.4	91.3	12.98
37895.38	413	274	900	0.159	86.4	48.7	17.1	61.7	276.1	13.57
37895.42	413	274	1000	0.402	169.6	71.6	22.2	39.9	476.5	13.43
37895.46	413	274	1100	0.502	198.7	80.1	24.2	34.3	581.0	13.29
37895.50	413	274	1200	0.621	183.2	89.5	25.1	32.6	664.5	13.22