

TOA5	BCV Met	CR6	8361	CR6.Std.07	CPU:Big_Cf	62337	Hourly
TIMESTAMP	RECORD	BattV_Min	PTemp_C	WindSpd_f	WindSpd_a	WindDir_a	WD_StdDe
TS	RN	Volts	Deg C	m/s	m/s	Deg	Deg
		Min	Smp	Max	WVc	WVc	WVc
6/14/18 16:00	0	13.38	37.26	5.618666	3.791	263.5	9.45
6/13/18 16:00	1	13.33	38.07	11.13933	5.438	210	22.88
6/13/18 17:00	2	13.33	37.68	10.25733	4.757	215.2	22.65
6/13/18 18:00	3	13.3	36.71	8.656667	4.945	228.2	17.64
6/13/18 19:00	4	13.25	33.58	8.460667	4.936	239.4	12.05
6/13/18 20:00	5	13.14	30.93	6.86	3.427	239.1	11.46
6/13/18 21:00	6	13.13	28.03	4.214	1.446	261	28.17
6/13/18 22:00	7	13.13	25.2	1.437333	0.285	5.64	23.02
6/13/18 23:00	8	13.06	24.03	2.809333	0.637	15.39	40.25
6/14/18 0:00	9	13.05	22.52	1.862	0.554	36.33	32.08
6/14/18 1:00	10	13.03	21.51	1.731333	0.543	34.64	26.34
6/14/18 2:00	11	13.01	20.99	3.43	1.061	67.45	21.72
6/14/18 3:00	12	13.01	19.92	1.731333	0.446	56.38	5.954
6/14/18 4:00	13	13.01	19.32	2.286667	0.733	37.66	25.83
6/14/18 5:00	14	13.01	19.71	3.756666	1.428	88.9	15.42
6/14/18 6:00	15	13	19.26	1.862	0.877	51.12	49.65
6/14/18 7:00	16	13.05	19.7	2.025333	0.626	306	31.46
6/14/18 8:00	17	13.33	24.1	2.646	0.549	241.8	54.21
6/14/18 9:00	18	13.52	28.88	3.789333	1.701	123.4	26.83
6/14/18 10:00	19	13.42	32.84	7.480667	2.665	147.7	48.54
6/14/18 11:00	20	13.4	33.98	11.69467	5.941	235.7	18.88
6/14/18 12:00	21	13.4	34.94	12.054	7.664	242.2	13.88
6/14/18 13:00	22	13.37	33.81	10.878	5.959	214.7	25.95
6/14/18 14:00	23	13.38	32.99	9.538667	4.752	208.3	20.22
6/14/18 15:00	24	13.44	33.09	9.898	5.043	226.4	17.64
6/14/18 16:00	25	13.38	33.69	9.571333	5.352	245.4	14.66
6/14/18 17:00	26	13.38	34.98	10.682	6.248	242.1	13.9
6/14/18 18:00	27	13.36	34.35	11.53133	6.076	238.6	14.89
6/14/18 19:00	28	13.33	32.99	8.754666	4.996	233.5	12.51
6/14/18 20:00	29	13.18	29.87	6.925333	3.264	238.2	10.9
6/14/18 21:00	30	13.13	26.13	2.286667	0.487	252.7	70.33
6/14/18 22:00	31	13.12	23.9	1.96	0.197	48	9.6
6/14/18 23:00	32	13.05	23.35	2.286667	0.66	49.19	17.77
6/15/18 0:00	33	13.02	22.58	2.254	0.313	45.04	13.65
6/15/18 1:00	34	13.01	22.01	2.286667	0.606	50.49	15.9
6/15/18 2:00	35	13.01	22.03	2.678667	0.878	348.4	34.15
6/15/18 3:00	36	13	21.09	1.927333	0.692	7.109	18.47
6/15/18 4:00	37	12.98	20.36	3.005333	1.283	65.38	18.37
6/15/18 5:00	38	12.98	19.2	1.992667	0.511	70.53	21.07
6/15/18 6:00	39	12.97	19.61	2.254	1.086	73.11	16.28
6/15/18 7:00	40	13.1	23.03	3.724	1.213	87.7	31.1
6/15/18 8:00	41	13.52	26.15	4.769333	2.572	110.9	17.07
6/15/18 9:00	42	13.52	28.65	4.41	2.489	129.3	24.99
6/15/18 10:00	43	13.43	30.48	8.591332	3.77	236.1	41.49

6/15/18 11:00	44	13.44	32.35	10.094	5.405	236.4	17.91
6/15/18 12:00	45	13.41	32.99	10.35533	5.932	237.4	16.36
6/15/18 13:00	46	13.39	33.58	9.408	5.636	245.6	16.2
6/15/18 14:00	47	13.4	31.1	10.192	5.385	230.5	18.38
6/15/18 15:00	48	13.45	30.73	9.571333	5.42	235.9	13.85
6/15/18 16:00	49	13.46	29.25	10.06133	6.173	241.4	12.5
6/15/18 17:00	50	13.48	27.31	9.767333	4.842	234.3	14.14
6/15/18 18:00	51	13.52	26.72	6.696667	2.384	235.3	28.96
6/15/18 19:00	52	13.29	25.09	5.651333	2.078	255.8	29.57
6/15/18 20:00	53	13.18	24.76	7.676667	4.241	240.7	11.8
6/15/18 21:00	54	13.13	23.08	6.827333	2.892	260.7	38.65
6/15/18 22:00	55	13.13	21.42	2.188667	0.905	355.1	59.62
6/15/18 23:00	56	13.05	20.6	3.234	1.679	104.7	11.72
6/16/18 0:00	57	13.02	20.77	4.214	2.549	101	11.48
6/16/18 1:00	58	13.01	20.77	3.462667	1.938	103.7	12.67
6/16/18 2:00	59	13	20.63	3.234	1.723	106.3	12.32
6/16/18 3:00	60	12.98	20.51	3.201333	1.233	136.2	41.49
6/16/18 4:00	61	12.98	20.34	2.319333	0.524	276.8	47.19
6/16/18 5:00	62	12.95	19.89	2.188667	0.508	345.6	59.33
6/16/18 6:00	63	12.95	19.75	3.070667	1.285	108	15.68
6/16/18 7:00	64	12.95	19.93	2.842	1.526	105.1	11.87
6/16/18 8:00	65	13.13	20.39	4.736666	2.263	121.4	15.14
6/16/18 9:00	66	13.53	21.43	5.194	2.827	129.2	15.97
6/16/18 10:00	67	13.52	20.53	5.618666	3.008	119	16.21
6/16/18 11:00	68	13.58	21.95	5.88	3.368	119.6	17.41
6/16/18 12:00	69	13.58	20.64	6.566	3.251	124.1	15.56
6/16/18 13:00	70	13.56	19.43	5.128666	2.441	110.2	17.62
6/16/18 14:00	71	13.56	19.94	2.123333	0.671	102.3	47.42
6/16/18 15:00	72	13.57	22.09	5.488	1.819	246.1	24.57
6/16/18 16:00	73	13.56	23.43	7.056	3.955	243.2	15.93
6/16/18 17:00	74	13.56	24.42	7.676667	3.841	227.1	16.94
6/16/18 18:00	75	13.56	23.91	7.056	3.714	231.9	14.19
6/16/18 19:00	76	13.37	23.34	5.194	2.685	209.4	17.78
6/16/18 20:00	77	13.21	21.18	4.573333	2.173	170.8	43.48
6/16/18 21:00	78	13.14	18.79	5.324667	2.769	111.6	13.24
6/16/18 22:00	79	13.13	17.83	4.181334	2.304	106.4	10.4
6/16/18 23:00	80	13.09	17.24	3.593333	2.084	107.6	11.16
6/17/18 0:00	81	13.05	16.95	3.724	2.32	107.7	10.69
6/17/18 1:00	82	13.02	16.6	4.246666	2.506	114.9	12.21
6/17/18 2:00	83	12.98	16.82	4.148666	2.048	113.5	12.37
6/17/18 3:00	84	12.97	16.69	4.050666	2.226	114.1	13.17
6/17/18 4:00	85	12.93	15.98	3.724	1.878	123.4	15.31
6/17/18 5:00	86	12.93	15.63	4.377333	2.228	117	13.28
6/17/18 6:00	87	12.94	15.79	6.435333	3.555	111.4	13.31
6/17/18 7:00	88	12.98	15.75	6.108666	3.273	110.2	12.43
6/17/18 8:00	89	13.39	17.49	6.533333	3.782	117.5	15.74
6/17/18 9:00	90	13.59	20.43	9.081333	4.711	127.7	16.02
6/17/18 10:00	91	13.58	22.8	8.82	4.781	134.3	18.4

6/17/18 11:00	92	13.54	25.13	10.25733	4.706	148.1	24.82
6/17/18 12:00	93	13.53	26.6	9.571333	5.014	161.3	22.27
6/17/18 13:00	94	13.52	27.88	11.82533	5.509	150.9	23.24
6/17/18 14:00	95	13.48	28.93	10.29	5.631	173.7	25.51
6/17/18 15:00	96	13.45	29.78	10.388	5.525	171.9	22.41
6/17/18 16:00	97	13.45	29.94	10.35533	5.602	175	19.9
6/17/18 17:00	98	13.46	29.57	10.584	5.575	164	18.2
6/17/18 18:00	99	13.47	28.84	9.636666	5.167	175.2	22.45
6/17/18 19:00	100	13.41	27.36	8.852667	4.526	167	18.26
6/17/18 20:00	101	13.21	24.66	7.774667	3.355	173.4	17.94
6/17/18 21:00	102	13.14	22.26	5.88	2.516	159	25.83
6/17/18 22:00	103	13.13	20.02	4.083333	2.212	104.1	12.21
6/17/18 23:00	104	13.06	18.62	3.92	2.113	102	10.57
6/18/18 0:00	105	13.03	17.04	3.626	1.792	91.5	10.8
6/18/18 1:00	106	13.01	16.45	3.299333	1.891	92.4	12.33
6/18/18 2:00	107	12.97	15.65	2.417333	1.278	84.7	22.65
6/18/18 3:00	108	12.94	15.35	3.92	2.01	87.7	15.69
6/18/18 4:00	109	12.94	14.31	2.711333	1.176	105.8	29.87
6/18/18 5:00	110	12.92	12.23	1.600667	0.306	68.15	11.47
6/18/18 6:00	111	12.9	11.62	1.568	0.683	75.67	11.57
6/18/18 7:00	112	13.01	15.75	3.364666	1.44	113.4	16.11
6/18/18 8:00	113	13.34	19.32	4.965333	2.941	114.9	14.58
6/18/18 9:00	114	13.57	22.04	6.239333	3.709	123.7	16.92
6/18/18 10:00	115	13.56	24.57	7.056	3.966	130.5	18.4
6/18/18 11:00	116	13.56	27.07	9.309999	4.091	130.3	22.91
6/18/18 12:00	117	13.49	29.31	9.604	4.528	159.5	21.16
6/18/18 13:00	118	13.48	30.53	12.054	4.676	154.6	25.94
6/18/18 14:00	119	13.44	31.89	11.92333	3.558	214.3	38.96
6/18/18 15:00	120	13.44	32.87	9.995999	4.447	228.9	24.7
6/18/18 16:00	121	13.41	33.25	9.440666	4.42	231.1	23.15
6/18/18 17:00	122	13.4	32.88	8.460667	4.431	239.6	26.26
6/18/18 18:00	123	13.4	32.13	7.709333	4.18	243.2	17.8
6/18/18 19:00	124	13.37	30.41	6.696667	3.931	247.6	16.06
6/18/18 20:00	125	13.21	27.03	6.468	3.569	245.1	10.03
6/18/18 21:00	126	13.13	22.91	4.050666	0.86	292.9	49.07
6/18/18 22:00	127	13.12	20.61	1.894667	0.715	350.9	21.25
6/18/18 23:00	128	13.06	19.75	2.417333	1.299	340.7	13.83
6/19/18 0:00	129	13.02	18.82	3.038	1.45	343.8	16.07
6/19/18 1:00	130	12.98	15.85	0.98	0.263	0.833	31.34
6/19/18 2:00	131	12.93	14.28	1.894667	0.378	324.1	29.27
6/19/18 3:00	132	12.94	13.6	2.188667	1.156	309.7	12.42
6/19/18 4:00	133	12.91	12.73	3.005333	1.42	302.5	16.64
6/19/18 5:00	134	12.89	11.26	2.776667	0.953	316.7	17.73
6/19/18 6:00	135	12.9	10.3	2.94	1.313	306	15.63
6/19/18 7:00	136	13	13.95	2.972667	1.494	284.4	17.87
6/19/18 8:00	137	13.33	18.28	2.580667	1.572	277.3	15.5
6/19/18 9:00	138	13.57	23.6	1.96	0.689	253.1	44.53
6/19/18 10:00	139	13.5	27.66	3.103333	0.986	169.2	58.2

6/19/18 11:00	140	13.46	30.23	3.266666	1.138	54.67	72.66
6/19/18 12:00	141	13.46	31.74	4.736666	1.5	260.7	54.78
6/19/18 13:00	142	13.4	33.32	5.651333	1.478	217.9	78.86
6/19/18 14:00	143	13.39	34.75	5.357333	1.628	317.2	76.56
6/19/18 15:00	144	13.34	36.28	10.55133	2.25	298.1	50.4
6/19/18 16:00	145	13.33	36.98	6.010666	2.781	277.2	46.07
6/19/18 17:00	146	13.33	37.18	6.108666	1.907	247.1	54.07
6/19/18 18:00	147	13.33	36.23	7.056	3.144	270.7	31.38
6/19/18 19:00	148	13.33	34.46	5.978	2.622	277.6	22.13
6/19/18 20:00	149	13.18	30.83	5.096	2.429	307.1	16.94
6/19/18 21:00	150	13.14	27.6	5.259333	1.953	298.9	25.83
6/19/18 22:00	151	13.08	24.12	3.364666	1.098	297.9	31.22
6/19/18 23:00	152	13.02	22.15	3.038	1.68	312.9	16.33
6/20/18 0:00	153	13.01	21.34	3.364666	1.751	299.5	16.05
6/20/18 1:00	154	12.98	19.36	2.515333	0.966	333.3	55.66
6/20/18 2:00	155	12.93	17.2	2.482667	1.026	326.1	23.6
6/20/18 3:00	156	12.93	16.9	2.646	0.973	333.7	25.27
6/20/18 4:00	157	12.94	15.08	2.907333	0.993	320.8	47.75
6/20/18 5:00	158	12.9	13.58	3.299333	1.201	306.8	16.06
6/20/18 6:00	159	12.89	13.16	3.724	1.807	298.4	18
6/20/18 7:00	160	13	16.48	3.593333	1.761	299.2	15.56
6/20/18 8:00	161	13.27	21.22	4.606	2.329	284.5	17.7
6/20/18 9:00	162	13.56	26.34	4.736666	2.939	252.8	18.37
6/20/18 10:00	163	13.45	31.06	4.312	2.013	196.3	51.47
6/20/18 11:00	164	13.41	34.16	6.239333	1.82	40.45	59.45
6/20/18 12:00	165	13.41	36.03	7.023333	1.801	341.2	77.3
6/20/18 13:00	166	10.18	37.05	4.965333	2.013	229.2	78.89
6/20/18 14:00	167	13.33	38.04	6.86	2.859	259.1	43.39
6/20/18 15:00	168	13.33	39.29	6.958	2.582	268.9	51.84
6/20/18 16:00	169	13.28	40.33	6.174	1.856	296.4	78.08
6/20/18 17:00	170	13.25	40.4	6.076	2.48	335.5	42.97
6/20/18 18:00	171	13.29	40.04	5.194	1.699	335.1	41.52
6/20/18 19:00	172	13.27	37.89	6.239333	3.169	317.8	20.96
6/20/18 20:00	173	13.18	34.14	5.847333	2.422	316	17.26
6/20/18 21:00	174	13.13	30.85	5.455333	2.418	302.9	27.26
6/20/18 22:00	175	13.06	28.37	4.769333	2.07	321.1	17.19
6/20/18 23:00	176	13.01	26.45	3.854666	1.789	318.1	24.65
6/21/18 0:00	177	12.99	23.85	2.842	1.328	331.3	16.11
6/21/18 1:00	178	12.97	22.74	2.874667	1.452	316.7	15.84
6/21/18 2:00	179	12.95	21.21	3.397333	1.459	281.5	19.8
6/21/18 3:00	180	12.93	18.57	2.090667	0.932	298.4	23.06
6/21/18 4:00	181	12.93	17.51	2.254	0.934	334.4	33.49
6/21/18 5:00	182	12.89	16.27	2.482667	1.041	324.4	19.33
6/21/18 6:00	183	12.9	15.8	1.764	0.718	328.5	20.39
6/21/18 7:00	184	12.98	18.9	2.319333	1.021	277.7	21.91
6/21/18 8:00	185	12.28	23.31	2.809333	1.357	270.6	15.29
6/21/18 9:00	186	13.48	29	2.025333	0.543	186.6	49.56
6/21/18 10:00	187	13.44	33.18	3.724	1.082	250	65.96

6/21/18 11:00	188	13.38	36.23	4.116	1.479	273	48.15
6/21/18 12:00	189	13.37	38.16	6.631333	2.028	296.5	46.06
6/21/18 13:00	190	13.34	39.37	7.644	2.975	269	40.94
6/21/18 14:00	191	13.29	40.38	8.134	2.708	283	39.27
6/21/18 15:00	192	13.26	41.08	10.682	3.685	268.2	37.82
6/21/18 16:00	193	13.29	41.07	9.473332	4.135	264	25.91
6/21/18 17:00	194	13.29	40.43	11.956	4.715	235.1	21.75
6/21/18 18:00	195	13.3	39.22	8.493333	4.793	245.6	17.61
6/21/18 19:00	196	12.27	37.07	8.558666	5.395	244.7	12.35
6/21/18 20:00	197	13.16	33.42	7.513333	3.895	250.2	10.98
6/21/18 21:00	198	13.13	29.64	3.822	1.777	316.7	33.42
6/21/18 22:00	199	13.06	27.5	4.018	1.497	334	20.97
6/21/18 23:00	200	13.02	26.11	3.92	2.179	342.6	18.81
6/22/18 0:00	201	12.98	24.7	3.201333	1.358	339.1	15.55
6/22/18 1:00	202	12.95	21.97	2.319333	0.921	353.9	46.38
6/22/18 2:00	203	12.94	21.57	2.548	1.011	351.7	38.24
6/22/18 3:00	204	12.93	18.97	2.874667	0.566	43.68	29.87
6/22/18 4:00	205	12.9	17.18	2.156	0.372	350.4	45.5
6/22/18 5:00	206	12.9	15	2.156	0.739	321.8	35.82
6/22/18 6:00	207	12.9	14.86	1.764	0.55	341.6	23.19
6/22/18 7:00	208	12.97	18.98	1.731333	0.26	341.9	68.42
6/22/18 8:00	209	13.22	23.64	1.764	0.777	251.8	29.29
6/22/18 9:00	210	13.49	28.39	4.704	2.143	121.6	20.04
6/22/18 10:00	211	13.44	31.52	4.769333	2.526	123	21.98
6/22/18 11:00	212	13.38	35.1	4.148666	1.319	141.2	75.65
6/22/18 12:00	213	13.36	37.38	8.82	2.884	242.4	48.95
6/22/18 13:00	214	12.59	38.62	7.970667	3.144	236.5	39.01
6/22/18 14:00	215	13.3	39.7	6.892667	3.295	294.2	40.23
6/22/18 15:00	216	13.3	40.49	8.134	3.095	280.3	36.58
6/22/18 16:00	217	13.29	40.63	7.872667	3.368	271.6	29.24
6/22/18 17:00	218	13.29	40.35	7.317333	3.479	284.2	28.03
6/22/18 18:00	219	13.26	39.3	7.970667	3.628	283.3	21.22
6/22/18 19:00	220	13.27	37.4	7.480667	3.436	290.5	19.38
6/22/18 20:00	221	13.16	33.75	6.043334	2.865	300.8	16.66
6/22/18 21:00	222	13.13	30.94	5.357333	2.704	311.1	15.89
6/22/18 22:00	223	13.06	26.63	4.279333	0.987	314.3	41.45
6/22/18 23:00	224	13.02	24.45	2.515333	1.308	330.2	14.43
6/23/18 0:00	225	12.97	21.67	1.698667	0.458	5.415	25.62
6/23/18 1:00	226	12.94	19.96	2.613333	0.533	7.077	13.25
6/23/18 2:00	227	12.93	19.79	2.221333	0.594	18.85	35.58
6/23/18 3:00	228	12.89	17.64	1.698667	0.387	28.58	43.63
6/23/18 4:00	229	12.89	15.52	1.208667	0.292	6.323	33.66
6/23/18 5:00	230	12.87	14.25	1.339333	0.298	318.1	50.74
6/23/18 6:00	231	12.86	13.63	3.168666	1.235	317.5	17.09
6/23/18 7:00	232	12.94	17.85	2.711333	0.568	288.7	45.21
6/23/18 8:00	233	13.22	23.5	5.39	1.593	165.1	67.57
6/23/18 9:00	234	13.52	27.48	6.631333	3.721	112.8	15.35
6/23/18 10:00	235	13.48	30.56	6.435333	3.505	111.6	19.02

6/23/18 11:00	236	13.24	34.28	5.194	2.441	104.9	38.72
6/23/18 12:00	237	13.34	36.45	9.277333	4.644	244.8	30.93
6/23/18 13:00	238	13.37	37.04	9.930667	5.842	233.8	15.42
6/23/18 14:00	239	13.32	37.23	10.78	6.476	247.1	16.73
6/23/18 15:00	240	13.33	37.82	10.25733	5.479	240.6	22.49
6/23/18 16:00	241	13.33	37.72	11.858	6.255	234	17.21
6/23/18 17:00	242	13.33	37.05	10.682	5.827	223.2	15.54
6/23/18 18:00	243	13.32	35.99	11.13933	5.866	239.6	14.15
6/23/18 19:00	244	13.3	34.26	8.33	5.091	232.6	15.84
6/23/18 20:00	245	13.17	31.26	7.938	4.51	250.7	10.65
6/23/18 21:00	246	13.13	27.44	4.181334	1.492	260.6	30.77
6/23/18 22:00	247	13.06	24.91	1.698667	0.643	341.7	25.84
6/23/18 23:00	248	13.02	23.38	1.862	0.907	346.4	14.88
6/24/18 0:00	249	13.01	22.81	2.058	1.004	333.7	21.49
6/24/18 1:00	250	12.97	20.95	2.352	0.467	38.04	27.14
6/24/18 2:00	251	12.94	19.68	2.123333	1.012	57.78	26.25
6/24/18 3:00	252	12.92	18.08	1.208667	0.204	35.59	22.83
6/24/18 4:00	253	12.9	16.69	1.012667	0.223	50.82	18.86
6/24/18 5:00	254	12.88	15.51	1.306667	0.309	41.95	40.21
6/24/18 6:00	255	12.86	14.83	2.188667	0.403	26.78	33.97
6/24/18 7:00	256	12.95	18.1	2.025333	0.659	270.9	24.27
6/24/18 8:00	257	13.25	22.86	3.887333	1.457	193	71.59
6/24/18 9:00	258	13.53	26.66	4.018	2.358	121.3	20.07
6/24/18 10:00	259	13.47	29.36	5.455333	2.726	124.2	26.97
6/24/18 11:00	260	13.45	32.28	7.415333	2.625	119.6	48.27
6/24/18 12:00	261	13.38	34.29	7.905333	3.602	252.2	31.92
6/24/18 13:00	262	13.37	35.65	8.231999	3.042	235.3	34.9
6/24/18 14:00	263	13.37	36.58	7.611333	3.358	239.3	36.77
6/24/18 15:00	264	13.33	37.15	9.309999	3.542	236.9	30.46
6/24/18 16:00	265	13.32	37.33	8.003333	4.097	227.5	25.41
6/24/18 17:00	266	13.31	36.73	9.669333	4.712	233.5	22.25
6/24/18 18:00	267	13.33	35.74	8.983333	4.499	233.2	22.12
6/24/18 19:00	268	13.32	33.94	7.938	4.705	237.4	14.5
6/24/18 20:00	269	13.17	30.76	7.252	4.037	245.8	13.99
6/24/18 21:00	270	13.14	27.46	5.978	1.669	303.3	34.71
6/24/18 22:00	271	13.08	25.93	3.691333	1.5	329.2	28.82
6/24/18 23:00	272	13.03	24.56	3.234	1.541	341	18.79
6/25/18 0:00	273	13.02	23.61	2.907333	1.532	343	16.29
6/25/18 1:00	274	12.98	21.25	1.731333	0.482	27.27	25.24
6/25/18 2:00	275	12.94	18.96	2.45	0.458	35.06	32.36
6/25/18 3:00	276	12.92	18.09	1.829333	0.76	3.39	49.3
6/25/18 4:00	277	12.89	16.76	2.221333	1.073	307.1	28.12
6/25/18 5:00	278	12.87	15.75	2.646	1.399	309.6	18.97
6/25/18 6:00	279	12.87	15.25	2.156	0.726	331.1	30.71
6/25/18 7:00	280	12.96	18.94	2.221333	0.883	283.5	35.37
6/25/18 8:00	281	13.25	23.51	1.796667	0.59	237.9	38.08
6/25/18 9:00	282	13.53	27.88	3.266666	1.327	137.7	26.83
6/25/18 10:00	283	13.46	30.65	4.312	2.041	116.8	26.22

6/25/18 11:00	284	13.43	33.66	3.92	1.381	114.1	55.4
6/25/18 12:00	285	13.41	35.78	6.010666	1.72	119.8	60.45
6/25/18 13:00	286	13.36	37.4	4.508	1.452	183.7	91.5
6/25/18 14:00	287	13.33	38.71	5.096	1.675	149.4	90
6/25/18 15:00	288	13.3	39.56	6.141333	2.83	125.8	54.77
6/25/18 16:00	289	13.29	39.76	9.865333	3.148	212.6	56.62
6/25/18 17:00	290	13.27	39.34	7.970667	3.336	244.5	48.74
6/25/18 18:00	291	13.3	37.76	10.15933	5.159	247	19.06
6/25/18 19:00	292	13.3	35.6	9.309999	4.9	245.8	12.87
6/25/18 20:00	293	13.17	32.42	7.186667	3.809	248.4	12.84
6/25/18 21:00	294	13.13	28.86	3.234	1.51	318.1	21.95
6/25/18 22:00	295	13.07	26.78	3.038	1.431	328.6	15.31
6/25/18 23:00	296	13.02	25.49	3.103333	1.544	334.8	14.75
6/26/18 0:00	297	12.97	24.92	3.528	1.693	341.7	18.72
6/26/18 1:00	298	12.94	22.31	2.156	0.946	305	35.32
6/26/18 2:00	299	12.94	21.24	2.384667	1.163	327.1	19.57
6/26/18 3:00	300	12.9	19.76	2.319333	0.402	46.07	23.56
6/26/18 4:00	301	12.9	17.82	2.188667	0.645	47.02	37.71
6/26/18 5:00	302	12.88	16.46	1.992667	0.76	315.6	34.51
6/26/18 6:00	303	12.87	15.94	1.502667	0.359	314.4	26.48
6/26/18 7:00	304	12.93	18.56	3.234	1.528	290.1	19.86
6/26/18 8:00	305	13.25	23.82	2.156	0.65	260.5	58.94
6/26/18 9:00	306	13.52	28.39	4.050666	1.652	142.3	39.17
6/26/18 10:00	307	13.45	31.64	5.128666	2.455	127.5	20.82
6/26/18 11:00	308	13.4	34.38	5.128666	2.501	115.7	29.77
6/26/18 12:00	309	13.34	36.7	4.704	2.096	142	53.89
6/26/18 13:00	310	13.33	37.94	8.231999	3.359	136.7	29.91
6/26/18 14:00	311	13.33	39.1	8.003333	3.894	149.9	24.27
6/26/18 15:00	312	13.31	39.53	8.852667	3.854	154.9	34.66
6/26/18 16:00	313	13.29	39.96	6.598667	3.317	174.8	31.96
6/26/18 17:00	314	13.3	39.64	6.566	3.18	151.2	30.4
6/26/18 18:00	315	13.3	38.61	7.284667	3.022	178.4	29.76
6/26/18 19:00	316	13.26	36.26	7.938	4.714	243.5	13.44
6/26/18 20:00	317	13.14	32.47	6.500667	3.158	245.8	13.75
6/26/18 21:00	318	13.13	28.82	3.070667	1.62	328.8	28.73
6/26/18 22:00	319	13.05	26.58	3.038	1.4	348.8	19.36
6/26/18 23:00	320	13.01	23.49	1.731333	0.368	7.491	24.06
6/27/18 0:00	321	12.98	21.29	1.502667	0.407	10.44	9.51
6/27/18 1:00	322	12.94	19.48	1.110667	0.158	50.07	13.11
6/27/18 2:00	323	12.9	18.49	1.96	0.517	340.1	36.07
6/27/18 3:00	324	12.89	16.33	1.372	0.547	347.6	34.9
6/27/18 4:00	325	12.86	14.55	1.829333	0.324	341.2	24.14
6/27/18 5:00	326	12.86	13.68	2.319333	1.195	315	15.49
6/27/18 6:00	327	12.85	13.26	2.254	1.098	325.1	25.04
6/27/18 7:00	328	12.94	16.12	2.972667	1.19	286.4	15.03
6/27/18 8:00	329	13.22	21.03	3.234	1.671	274.6	14.73
6/27/18 9:00	330	13.56	26.84	3.560667	1.3	171.2	73.57
6/27/18 10:00	331	13.48	30.64	5.422667	2.956	115.8	19.02

6/27/18 11:00	332	13.42	33.54	6.337333	2.79	117	29.5
6/27/18 12:00	333	13.37	35.65	9.995999	3.64	121.1	24.62
6/27/18 13:00	334	13.34	37.45	9.277333	3.952	231.4	55.1
6/27/18 14:00	335	13.33	38.13	9.571333	5.061	246.8	22.49
6/27/18 15:00	336	13.33	38.73	9.342667	4.735	239.2	19.11
6/27/18 16:00	337	13.3	38.95	8.918	4.668	238.4	21.46
6/27/18 17:00	338	13.29	38.57	10.32267	4.574	234.4	28.59
6/27/18 18:00	339	13.33	37.45	7.709333	4.574	232	17.91
6/27/18 19:00	340	13.29	35.49	7.448	4.551	239.2	11.9
6/27/18 20:00	341	13.17	31.62	6.010666	3.126	242	10.7
6/27/18 21:00	342	13.13	27.03	2.286667	0.94	293.6	35.13
6/27/18 22:00	343	13.05	24.99	1.764	1.127	345.6	12.34
6/27/18 23:00	344	13.02	23.58	2.123333	1.263	341.1	11.03
6/28/18 0:00	345	12.98	21.59	2.058	0.803	342.3	19.21
6/28/18 1:00	346	12.94	20.1	2.188667	0.684	350.3	31.89
6/28/18 2:00	347	12.91	18.39	3.136	0.628	53.05	25.66
6/28/18 3:00	348	12.9	17.19	2.515333	0.604	48.58	15.09
6/28/18 4:00	349	12.86	15.04	1.241333	0.239	1.994	43.75
6/28/18 5:00	350	12.85	14.17	1.796667	0.617	58.42	13.44
6/28/18 6:00	351	12.86	13.67	2.548	0.913	319.1	52.49
6/28/18 7:00	352	12.94	17.12	2.417333	1.148	286.7	24.69
6/28/18 8:00	353	13.25	22.66	4.802	1.801	142.5	69.04
6/28/18 9:00	354	13.55	26.57	6.468	3.512	119.1	16.48
6/28/18 10:00	355	13.49	30.4	8.82	3.902	132.4	20.29
6/28/18 11:00	356	13.41	34.03	8.493333	4.145	206.3	35.75
6/28/18 12:00	357	13.39	35.58	9.734667	4.21	224.2	27.42
6/28/18 13:00	358	13.37	36.38	9.440666	4.688	223.8	26.99
6/28/18 14:00	359	13.37	36.92	11.368	5.589	238.3	23.07
6/28/18 15:00	360	13.34	37.49	10.51867	5.579	232.3	20.23
6/28/18 16:00	361	13.33	37.51	10.64933	5.8	245.2	20.29
6/28/18 17:00	362	13.24	36.89	10.74733	6.211	244.4	17.05
6/28/18 18:00	363	13.34	34.77	10.22467	5.694	235.4	13.34
6/28/18 19:00	364	13.33	33.65	8.003333	4.812	235.5	15.01
6/28/18 20:00	365	13.17	30.63	7.546	4.163	238.7	10.87
6/28/18 21:00	366	13.13	26.72	4.083333	1.596	227.2	17.13
6/28/18 22:00	367	13.06	23.52	1.535333	0.185	54.31	32.41
6/28/18 23:00	368	13.02	21.7	2.384667	0.713	52.79	8.46
6/29/18 0:00	369	12.99	21.05	2.417333	1.38	57.38	19.76
6/29/18 1:00	370	12.97	19.88	2.548	1.378	68.25	12.56
6/29/18 2:00	371	12.93	19.46	2.221333	1.135	74.73	37.9
6/29/18 3:00	372	12.9	17.63	1.764	0.443	33.55	57.31
6/29/18 4:00	373	12.9	16.35	1.96	0.596	66.95	41.34
6/29/18 5:00	374	12.87	18.33	4.9	1.878	105.1	16.8
6/29/18 6:00	375	12.87	17.07	2.842	0.926	91.9	58.57
6/29/18 7:00	376	12.94	19.68	5.553333	1.367	141	41.7
6/29/18 8:00	377	13.21	23.03	6.827333	3.887	114.7	13.3
6/29/18 9:00	378	13.56	26.24	8.950666	4.786	132.2	18.05
6/29/18 10:00	379	13.52	28.37	9.506	5.41	149.2	17.18



6/29/18 11:00	380	13.49	30.35	8.82	4.602	150.5	20.09
6/29/18 12:00	381	13.43	31.79	9.702	4.749	156.7	21.66
6/29/18 13:00	382	13.45	33.05	11.20467	4.704	206.7	32.37
6/29/18 14:00	383	13.41	33.74	9.440666	4.351	223.8	37.14
6/29/18 15:00	384	13.38	34.67	12.38067	4.227	212.9	29.43
6/29/18 16:00	385	13.34	34.71	9.342667	4.945	231.2	23.36
6/29/18 17:00	386	13.35	34.26	8.395333	4.582	245.1	24.05
6/29/18 18:00	387	13.37	33.57	7.448	4.148	235.1	18.96
6/29/18 19:00	388	13.33	31.85	8.656667	4.571	242.7	15.6
6/29/18 20:00	389	13.17	28.76	6.696667	3.903	244.3	10.17
6/29/18 21:00	390	13.13	24.59	1.96	0.685	255	31.23
6/29/18 22:00	391	13.08	21.82	2.352	0.369	42.11	19.43
6/29/18 23:00	392	13.02	20.53	2.352	0.706	54.18	11.25
6/30/18 0:00	393	13.01	18.66	1.764	0.256	30.6	30.98
6/30/18 1:00	394	12.97	17.74	2.221333	0.292	49.13	7.957
6/30/18 2:00	395	12.94	16.33	1.274	0.3	36.47	21.35
6/30/18 3:00	396	12.92	15.58	1.764	0.561	336.8	51.9
6/30/18 4:00	397	12.9	14.66	2.058	0.989	311.5	29.8
6/30/18 5:00	398	12.85	13.55	2.058	0.95	323.3	38.7
6/30/18 6:00	399	12.85	13.08	1.666	0.454	6.69	33.43
6/30/18 7:00	400	12.94	16.85	1.633333	0.401	305.2	74.81
6/30/18 8:00	401	13.25	21.42	4.932666	2.032	122.7	44.92
6/30/18 9:00	402	13.57	24.51	5.357333	3.095	108.9	17.14
6/30/18 10:00	403	13.53	27.76	4.540667	2.205	113.8	27
6/30/18 11:00	404	13.48	30.69	4.671333	1.919	131.8	63.42
6/30/18 12:00	405	13.45	32.89	6.990667	1.829	129.6	59.69
6/30/18 13:00	406	13.41	33.7	5.455333	1.974	113.2	66.4
6/30/18 14:00	407	13.34	35.22	5.161334	1.881	153.5	78.16
6/30/18 15:00	408	13.34	36.37	6.108666	1.98	158.5	79.88
6/30/18 16:00	409	13.37	36.87	6.664	2.504	168.7	56.12
6/30/18 17:00	410	13.24	36.74	6.468	2.613	145.8	46.98
6/30/18 18:00	411	13.31	35.59	8.003333	3.81	139.7	22.53
6/30/18 19:00	412	13.33	33.59	7.644	3.886	161.4	19.95
6/30/18 20:00	413	13.17	30.34	7.578667	3.51	209.4	20.08
6/30/18 21:00	414	13.13	27.39	5.292	1.892	259.6	42.27
6/30/18 22:00	415	13.09	24.93	2.972667	1.334	352.7	20.85
6/30/18 23:00	416	13.06	23.86	5.88	1.27	317.1	40.4
7/1/18 0:00	417	13.02	21.39	2.188667	0.599	40.94	49.72
7/1/18 1:00	418	12.98	19.3	2.319333	1.172	56.27	9.33
7/1/18 2:00	419	12.94	17.69	1.372	0.38	46.06	24.88
7/1/18 3:00	420	12.9	16.73	2.254	0.949	53.08	9.7
7/1/18 4:00	421	12.88	15.67	1.796667	0.405	50.72	16.81
7/1/18 5:00	422	12.86	13.89	3.103333	0.258	300.9	32.43
7/1/18 6:00	423	12.86	14.08	2.809333	1.152	317.5	16.12
7/1/18 7:00	424	12.94	17.92	2.254	1.131	289.1	20.44
7/1/18 8:00	425	13.25	22.47	2.482667	1.204	261.5	20.87
7/1/18 9:00	426	13.54	27.38	1.96	0.775	152.5	46.16
7/1/18 10:00	427	13.44	30.88	4.344666	1.553	254.3	36.54

7/1/18 11:00	428	13.41	33.31	5.978	2.089	240.5	52.5
7/1/18 12:00	429	13.41	35.05	5.422667	2.375	262.5	40.57
7/1/18 13:00	430	13.34	36.56	5.357333	1.868	221.9	59.54
7/1/18 14:00	431	13.34	37.71	6.435333	2.585	261.5	68.93
7/1/18 15:00	432	13.33	38.58	6.794667	2.211	140.3	50.7
7/1/18 16:00	433	8.51	39.51	6.729333	2.483	156.5	67.77
7/1/18 17:00	434	13.29	39.12	8.101333	3.672	250.8	36.01
7/1/18 18:00	435	13.29	37.38	9.408	5.524	258.1	14.8
7/1/18 19:00	436	13.29	35.25	8.722	5.397	245.2	16.42
7/1/18 20:00	437	13.18	31.93	7.938	4.493	242.7	11.48
7/1/18 21:00	438	13.14	28.55	6.108666	1.839	307.3	33.95
7/1/18 22:00	439	13.06	26.62	2.874667	1.528	325.8	18.48
7/1/18 23:00	440	13.02	25.03	2.94	0.96	335.2	48.48
7/2/18 0:00	441	12.98	22.61	2.090667	0.323	43.62	23.84
7/2/18 1:00	442	12.95	20.93	2.384667	0.778	58.43	17.74
7/2/18 2:00	443	12.93	19.15	1.339333	0.208	49.36	27.1
7/2/18 3:00	444	12.9	17.36	0.882	0.078	54.41	3.158
7/2/18 4:00	445	12.87	16.35	1.764	0.178	47.23	9.71
7/2/18 5:00	446	12.86	15.09	1.731333	0.209	355.4	44.78
7/2/18 6:00	447	12.85	14.44	2.156	0.724	305.8	26.74
7/2/18 7:00	448	12.94	17.74	1.731333	0.873	302.1	20.21
7/2/18 8:00	449	13.26	22.65	2.319333	1.064	243.7	49.49
7/2/18 9:00	450	13.52	26.81	5.096	2.479	119.7	20.58
7/2/18 10:00	451	13.48	29.76	4.965333	2.67	121.8	24.62
7/2/18 11:00	452	13.44	32.82	5.063334	2.248	119.3	32.25
7/2/18 12:00	453	13.35	35.37	5.161334	2.035	138.8	48.19
7/2/18 13:00	454	13.33	36.74	7.35	2.964	130.1	36.07
7/2/18 14:00	455	13.34	37.82	10.388	4.099	132.6	27.73
7/2/18 15:00	456	13.33	38.42	8.297333	3.5	191	47.76
7/2/18 16:00	457	10.2	38.53	10.29	4.189	174.2	24.88
7/2/18 17:00	458	13.32	38.16	9.995999	4.675	214.4	28.18
7/2/18 18:00	459	12.3	36.62	10.12667	5.538	242.1	13.23
7/2/18 19:00	460	13.3	34.64	8.493333	5.092	243.1	12.57
7/2/18 20:00	461	13.17	31.31	5.847333	3.534	238.3	11.07
7/2/18 21:00	462	13.13	27.16	3.234	0.869	242.6	61.68
7/2/18 22:00	463	13.06	24.06	1.829333	0.557	52.46	15.03
7/2/18 23:00	464	13.01	22.26	2.025333	0.523	7.488	35.87
7/3/18 0:00	465	12.98	20.61	1.666	0.398	24.38	20.66
7/3/18 1:00	466	12.94	19.54	2.646	1.198	59.24	13.96
7/3/18 2:00	467	12.93	17.52	2.286667	0.783	52.07	8.96
7/3/18 3:00	468	12.89	17.2	2.580667	1.493	64.46	13.32
7/3/18 4:00	469	12.87	16.49	2.352	1.194	58.51	9.62
7/3/18 5:00	470	12.86	14.76	2.515333	0.375	33.38	47.58
7/3/18 6:00	471	12.86	13.62	1.829333	0.515	19.83	39.63
7/3/18 7:00	472	12.94	17.17	1.992667	0.397	64.66	59.87
7/3/18 8:00	473	13.22	22.67	4.442667	2.054	123.6	26.97
7/3/18 9:00	474	13.56	26.3	7.023333	3.847	113.2	14.82
7/3/18 10:00	475	13.49	29.49	7.546	4.346	126.5	20.14

7/3/18 11:00	476	13.45	32.36	9.538667	4.714	154.8	25.56
7/3/18 12:00	477	13.41	33.96	9.8	5.08	165.6	21.16
7/3/18 13:00	478	13.36	34.83	15.64733	5.34	186	23.67
7/3/18 14:00	479	13.37	35.62	11.23733	5.158	202.1	24.21
7/3/18 15:00	480	13.37	36.03	15.32067	4.904	182.5	30.88
7/3/18 16:00	481	13.33	36.36	11.10667	4.948	199.3	23.5
7/3/18 17:00	482	13.33	35.95	10.25733	4.365	185.1	26.1
7/3/18 18:00	483	13.33	34.92	8.395333	4.451	190.7	21.64
7/3/18 19:00	484	13.33	33.16	7.546	3.643	182	19.36
7/3/18 20:00	485	13.18	29.78	5.912666	2.645	166.4	15.36
7/3/18 21:00	486	13.14	25.64	2.972667	1.227	96.6	27.18
7/3/18 22:00	487	13.05	23.78	2.025333	1.103	57.7	10.85
7/3/18 23:00	488	13.02	22.42	2.188667	1.314	74.13	15.92
7/4/18 0:00	489	13.01	21.99	3.332	1.585	101.3	11.4
7/4/18 1:00	490	12.98	20.71	2.548	1.227	86.6	36.02
7/4/18 2:00	491	12.93	18.59	2.45	0.647	63.42	13.71
7/4/18 3:00	492	12.9	16.9	1.143333	0.29	58.69	19.31
7/4/18 4:00	493	12.88	16.45	1.47	0.506	59.33	6.323
7/4/18 5:00	494	12.85	14.91	1.633333	0.435	14.08	51.75
7/4/18 6:00	495	12.86	13.4	2.058	0.366	325.6	47.64
7/4/18 7:00	496	12.93	17.57	1.796667	0.431	280.8	33.21
7/4/18 8:00	497	13.25	22.77	4.671333	1.961	112	19.23
7/4/18 9:00	498	13.56	26.39	5.88	3.516	109.2	16.04
7/4/18 10:00	499	13.5	29.27	7.284667	3.815	127.8	21.51
7/4/18 11:00	500	13.45	31.67	9.016	3.9	131.2	24.48
7/4/18 12:00	501	13.39	33.94	9.767333	4.125	156.4	26.53
7/4/18 13:00	502	13.4	35.11	10.71467	4.205	179.1	22.91
7/4/18 14:00	503	13.37	35.82	9.963333	4.476	180.2	20.5
7/4/18 15:00	504	13.37	36.65	9.212	4.394	183.2	26.38
7/4/18 16:00	505	13.32	37.02	9.767333	4.27	186.4	27.79
7/4/18 17:00	506	13.32	36.39	8.983333	3.866	177.3	22.16
7/4/18 18:00	507	13.33	35.49	6.86	3.662	183.6	17.57
7/4/18 19:00	508	13.33	34.73	5.945333	3.274	191.1	23.26
7/4/18 20:00	509	13.1	30.95	5.292	2.032	197.3	14.96
7/4/18 21:00	510	13.13	27.22	2.156	0.334	28.38	69.6
7/4/18 22:00	511	13.07	25.69	2.45	0.98	0.099	16.87
7/4/18 23:00	512	13.04	24.19	1.829333	0.762	4.29	13.8
7/5/18 0:00	513	13.02	23.25	1.698667	0.777	0.522	11.88
7/5/18 1:00	514	12.98	21.79	1.208667	0.171	24.12	32.41
7/5/18 2:00	515	12.94	20.06	1.731333	0.44	302.4	23.3
7/5/18 3:00	516	12.94	19.25	2.482667	1.379	318.3	14.37
7/5/18 4:00	517	12.89	18.3	1.96	1.066	323.7	12.3
7/5/18 5:00	518	12.86	17.58	2.286667	0.82	315.1	26.41
7/5/18 6:00	519	12.86	16.98	3.038	1.269	316.2	14.07
7/5/18 7:00	520	12.94	18.77	2.94	1.42	296.8	17.15
7/5/18 8:00	521	13.2	23.61	2.809333	1.359	279.3	21.63
7/5/18 9:00	522	13.52	29.02	2.482667	0.934	257.8	45.65
7/5/18 10:00	523	13.44	33.52	2.809333	0.912	134.4	73.87

7/5/18 11:00	524	13.39	36.04	5.749333	2.073	163	74.82
7/5/18 12:00	525	13.34	37.81	7.546	2.804	148	38.47
7/5/18 13:00	526	13.32	38.82	6.402667	2.035	173.3	59.98
7/5/18 14:00	527	13.3	39.99	7.252	2.43	159.7	74.84
7/5/18 15:00	528	13.29	40.32	5.128666	2.123	260.9	71.11
7/5/18 16:00	529	13.27	41.76	4.802	1.709	199.6	63.3
7/5/18 17:00	530	13.26	41.16	5.749333	1.933	203.4	77.36
7/5/18 18:00	531	13.26	40.14	5.292	2.265	269.5	32.48
7/5/18 19:00	532	13.26	38.25	6.566	3.097	276.7	21.04
7/5/18 20:00	533	13.14	35.11	6.86	3.282	304.8	19.17
7/5/18 21:00	534	13.13	32.55	5.422667	2.445	327.5	20.81
7/5/18 22:00	535	13.07	30.8	4.769333	2.254	328.9	21.56
7/5/18 23:00	536	13.01	28.14	3.560667	1.377	286.4	27.9
7/6/18 0:00	537	12.96	25.98	2.254	0.893	23.87	51.08
7/6/18 1:00	538	12.93	24.22	1.502667	0.317	23.57	50.29
7/6/18 2:00	539	12.93	22.69	1.731333	0.632	325.5	35.53
7/6/18 3:00	540	12.9	21.96	3.038	0.815	326.3	40.34
7/6/18 4:00	541	12.89	21.08	2.188667	1.019	304.4	30.1
7/6/18 5:00	542	12.89	19.85	2.058	0.788	293.7	38.37
7/6/18 6:00	543	12.86	19.05	2.646	1.087	319.2	18.53
7/6/18 7:00	544	12.93	21.84	2.482667	1.316	299.1	23.35
7/6/18 8:00	545	13.25	26.43	2.678667	1.322	275.4	18.25
7/6/18 9:00	546	13.46	31.21	3.92	1.669	164.6	32.45
7/6/18 10:00	547	13.41	33.6	5.226666	2	123.1	43.68
7/6/18 11:00	548	10.21	35.91	5.618666	2.168	133.8	47.87
7/6/18 12:00	549	13.37	37.8	5.978	2.335	167.6	42.42
7/6/18 13:00	550	13.33	39.19	6.500667	2.657	184.4	38.36
7/6/18 14:00	551	13.29	39.92	10.32267	2.657	145.4	62.07
7/6/18 15:00	552	13.3	34	11.368	5.507	73.27	17.99
7/6/18 16:00	553	13.38	34.07	10.32267	2.991	50.64	30.05
7/6/18 17:00	554	13.37	34.15	6.043334	1.611	44.21	63.34
7/6/18 18:00	555	13.37	32.69	7.186667	2.513	139.7	18.55
7/6/18 19:00	556	13.22	31.18	3.495333	1.698	116.1	22.96
7/6/18 20:00	557	13.12	29.01	2.254	0.926	53.54	45.99
7/6/18 21:00	558	13.09	28.16	1.764	0.639	333	39.59
7/6/18 22:00	559	13.06	26.23	2.548	1.128	97.4	17.62
7/6/18 23:00	560	13.01	24.31	2.058	1.091	71.15	17.87
7/7/18 0:00	561	12.98	23.07	2.090667	0.813	56.1	13.12
7/7/18 1:00	562	12.94	22.09	1.176	0.207	19.3	49.04
7/7/18 2:00	563	12.94	21.56	1.502667	0.523	60.46	22.5
7/7/18 3:00	564	12.9	20.81	1.502667	0.313	52.09	8.01
7/7/18 4:00	565	12.9	19.69	0.98	0.083	33.58	30.74
7/7/18 5:00	566	12.86	19.09	0.849333	0.136	4.102	6.854
7/7/18 6:00	567	12.86	18.44	0.784	0.098	336.8	13.01
7/7/18 7:00	568	12.93	21.04	1.568	0.816	271.4	12.3
7/7/18 8:00	569	13.25	26.3	1.47	0.428	193.8	56.67
7/7/18 9:00	570	13.49	30.37	4.998	1.567	127.2	27.79
7/7/18 10:00	571	13.44	32.88	5.782	2.971	111.3	21.12

7/7/18 11:00	572	13.38	35.5	5.88	2.559	110.9	36.82
7/7/18 12:00	573	13.33	37.66	6.174	2.323	149.2	58.66
7/7/18 13:00	574	10.19	38.05	5.488	2.143	163.2	70.96
7/7/18 14:00	575	13.33	37.11	6.794667	3.272	235.1	35.49
7/7/18 15:00	576	12.52	38.24	6.533333	2.272	262.4	58.48
7/7/18 16:00	577	13.2	25.85	8.068666	3.632	303.8	53.27
7/7/18 17:00	578	13.14	22.82	4.704	1.499	58.79	45.93
7/7/18 18:00	579	13.17	22.93	2.842	1.008	65.73	39.65
7/7/18 19:00	580	13.13	23.41	3.691333	0.762	341.7	58.24
7/7/18 20:00	581	13.03	23.12	3.854666	1.384	298.6	14.8
7/7/18 21:00	582	13.02	22.92	3.495333	1.484	301.2	20.93
7/7/18 22:00	583	12.98	23.19	5.749333	2.014	320.1	24.55
7/7/18 23:00	584	12.94	23.01	3.822	1.205	304.4	46.06
7/8/18 0:00	585	12.91	22.36	1.535333	0.489	36.2	52.37
7/8/18 1:00	586	12.9	21.31	1.927333	0.647	49.99	23.31
7/8/18 2:00	587	12.87	20.24	1.568	0.454	61.66	11.38
7/8/18 3:00	588	12.86	19.46	1.568	0.439	36.34	41.94
7/8/18 4:00	589	12.85	19.08	1.306667	0.374	358.7	22.77
7/8/18 5:00	590	12.85	18.69	2.678667	0.973	304.1	36.48
7/8/18 6:00	591	12.85	18.24	2.613333	1.014	302.1	29.16
7/8/18 7:00	592	12.91	19.21	2.776667	1.108	312.4	21.93
7/8/18 8:00	593	13.17	23.22	2.286667	1.504	271.2	10.15
7/8/18 9:00	594	13.52	27.7	2.711333	1.229	264.2	15.88
7/8/18 10:00	595	13.45	31.81	3.332	1.153	260.9	29.47
7/8/18 11:00	596	13.42	34.1	5.226666	1.656	278.6	44.08
7/8/18 12:00	597	13.38	35.88	5.520667	1.847	174	52.61
7/8/18 13:00	598	13.33	36.94	5.292	2.024	135.4	35.41
7/8/18 14:00	599	13.33	37.62	9.8	3.259	232.3	75.71
7/8/18 15:00	600	13.33	36.9	10.388	5.08	283.4	20.74
7/8/18 16:00	601	13.33	35	9.865333	5.45	257.6	12.44
7/8/18 17:00	602	13.33	31.58	6.37	2.603	197.4	79.96
7/8/18 18:00	603	13.38	30.41	6.86	3.434	256.4	21.33
7/8/18 19:00	604	13.41	29.17	5.030666	2.181	316.4	17.56
7/8/18 20:00	605	13.17	28.58	4.736666	2.295	319.1	19.95
7/8/18 21:00	606	13.13	27.44	2.482667	1.324	295	18.45
7/8/18 22:00	607	13.07	26.24	7.807333	3.589	105.6	37.24
7/8/18 23:00	608	13.05	25.36	7.546	3.69	90.2	25.39
7/9/18 0:00	609	13.01	25.37	9.146667	4.449	82.2	16.06
7/9/18 1:00	610	13.01	23.27	8.852667	1.877	73.65	79.91
7/9/18 2:00	611	12.98	23.62	7.154	2.091	60.22	58.2
7/9/18 3:00	612	12.96	23.39	4.704	1.557	141	89.8
7/9/18 4:00	613	12.94	22.21	3.103333	1.177	280	51.73
7/9/18 5:00	614	12.9	21.5	3.887333	1.144	289.1	45.66
7/9/18 6:00	615	12.9	21.13	2.776667	1.308	335.4	45.27
7/9/18 7:00	616	13.06	23.99	4.998	1.135	330.3	67.74
7/9/18 8:00	617	13.45	26.57	2.319333	0.671	190.8	66.54
7/9/18 9:00	618	10.25	28.92	4.181334	1.888	115.3	22.8
7/9/18 10:00	619	13.45	29.64	4.736666	2.187	125	25.28

7/9/18 11:00	620	13.42	30.42	4.312	1.686	129.3	26.19
7/9/18 12:00	621	13.42	31.86	3.985333	1.569	106.7	27.07
7/9/18 13:00	622	13.41	34.31	5.324667	2.108	135.7	41.49
7/9/18 14:00	623	13.34	35.81	4.9	2.078	156	36.06
7/9/18 15:00	624	13.37	34.98	10.25733	4.622	97.2	27.8
7/9/18 16:00	625	13.34	34.57	10.71467	5.825	98.7	18.45
7/9/18 17:00	626	13.35	35.29	8.003333	3.528	157.8	22.48
7/9/18 18:00	627	13.24	35.01	8.003333	3.113	190.1	62.6
7/9/18 19:00	628	13.22	31.32	8.493333	4.298	267.4	16.12
7/9/18 20:00	629	13.14	24.59	10.878	4.898	138.4	46.62
7/9/18 21:00	630	13.08	21.71	9.506	2.452	41.54	77.5
7/9/18 22:00	631	13.05	20.8	4.279333	1.572	342.4	29.55
7/9/18 23:00	632	13.01	20.51	1.437333	0.712	306.1	48.13
7/10/18 0:00	633	12.99	20.13	1.764	0.45	335.7	20.72
7/10/18 1:00	634	12.98	19.51	1.47	0.527	338.9	16.23
7/10/18 2:00	635	12.93	19.41	1.535333	0.659	315.2	23.82
7/10/18 3:00	636	12.94	19.29	1.47	0.795	313.6	26.62
7/10/18 4:00	637	12.9	18.68	1.567477	0.633	336.6	17.73
7/10/18 5:00	638	12.86	18.08	1.894667	0.646	323.3	46.92
7/10/18 6:00	639	12.86	17.6	1.110667	0.32	322.8	20.42
7/10/18 7:00	640	12.91	18.92	2.254	0.91	306.7	15.99
7/10/18 8:00	641	13.18	22.12	1.992667	0.886	271.7	34.19
7/10/18 9:00	642	13.53	25.49	3.43	1.215	142.4	44.16
7/10/18 10:00	643	13.49	27.2	5.030666	2.552	115.8	21.05
7/10/18 11:00	644	9.79	29.23	5.096	2.069	135.7	33.9
7/10/18 12:00	645	13.49	30.68	5.422667	2.238	117.4	32.53
7/10/18 13:00	646	13.4	32.53	5.194	1.673	99.5	60.78
7/10/18 14:00	647	13.41	30.37	8.264667	2.517	207.4	61.84
7/10/18 15:00	648	13.45	28.54	4.998	1.616	118.7	72.12
7/10/18 16:00	649	13.4	26.82	7.513333	2.23	53.59	57.85
7/10/18 17:00	650	13.41	24.19	6.892667	2.562	275.2	65.65
7/10/18 18:00	651	12.69	23.51	3.005333	1.303	305.4	33.39
7/10/18 19:00	652	13.52	24.87	4.344666	2.024	278.1	24.42
7/10/18 20:00	653	13.17	23.61	2.384667	1.034	311	35.57
7/10/18 21:00	654	13.13	21.62	1.110667	0.269	329.1	51.45
7/10/18 22:00	655	13.11	21.42	2.090667	0.85	310.2	28.3
7/10/18 23:00	656	13.06	21.24	3.724	1.652	276.5	22.58
7/11/18 0:00	657	13.04	20.77	3.299333	1.276	314.8	29.1
7/11/18 1:00	658	13.02	20.3	1.339333	0.278	334.1	20.45
7/11/18 2:00	659	13.01	20.23	1.045333	0.288	319.8	36.57
7/11/18 3:00	660	12.98	19.97	1.110667	0.474	297.8	45.84
7/11/18 4:00	661	12.96	19.67	1.96	0.615	325.9	17.36
7/11/18 5:00	662	12.93	19.8	1.241333	0.493	315.5	32.51
7/11/18 6:00	663	12.93	19.61	1.208667	0.445	283.2	41.16
7/11/18 7:00	664	12.98	20.47	1.404667	0.317	72.91	52.37
7/11/18 8:00	665	13.37	24.1	1.731333	0.462	236.9	50.32
7/11/18 9:00	666	13.53	27.44	2.548	0.772	193.3	44.07
7/11/18 10:00	667	13.49	28.98	3.593333	1.131	160.8	45.29

7/11/18 11:00	668	13.44	31.31	4.704	1.873	145.5	55.31
7/11/18 12:00	669	13.45	31.96	6.468	2.251	138.5	41.48
7/11/18 13:00	670	13.41	32.35	6.762	2.52	182.2	41.38
7/11/18 14:00	671	13.41	31.99	5.259333	2.235	195.7	35.12
7/11/18 15:00	672	13.45	32.36	6.86	3.052	267.9	23.64
7/11/18 16:00	673	13.41	33	8.460667	4.757	244	23.74
7/11/18 17:00	674	13.41	33.11	8.003333	3.573	226.5	33.84
7/11/18 18:00	675	13.41	30.47	7.023333	3.812	137.1	28.92
7/11/18 19:00	676	13.34	26.94	9.865333	4.466	124	16.57
7/11/18 20:00	677	13.16	24.8	3.952667	2.233	95.5	19.51
7/11/18 21:00	678	13.13	23.59	5.488	3.065	124.8	15.8
7/11/18 22:00	679	13.07	22.88	4.932666	2.94	120.8	13.03
7/11/18 23:00	680	13.05	21.67	4.573333	2.323	115.3	14.83
7/12/18 0:00	681	13.01	20.91	3.364666	1.579	90.9	15.81
7/12/18 1:00	682	13.02	20.78	3.528	2.19	107.5	10.89
7/12/18 2:00	683	12.98	20.55	3.789333	2.064	118.2	15.14
7/12/18 3:00	684	12.94	20.13	2.548	0.926	114.6	19.88
7/12/18 4:00	685	12.94	19.66	1.241333	0.436	92	14.41
7/12/18 5:00	686	12.9	19.82	1.306667	0.302	123	33.07
7/12/18 6:00	687	12.9	19.85	1.110667	0.224	101.1	26.1
7/12/18 7:00	688	12.9	20.32	3.201333	1.112	143.8	26.3
7/12/18 8:00	689	13.14	21.81	3.364666	1.801	130.6	15.44
7/12/18 9:00	690	13.57	23.17	3.756666	2.07	128.4	18.03
7/12/18 10:00	691	12.5	24.45	5.978	2.71	134.1	18.57
7/12/18 11:00	692	13.52	26	5.553333	3.129	115.3	20.53
7/12/18 12:00	693	13.5	29.2	6.892667	2.815	145.1	28.22
7/12/18 13:00	694	13.48	30.86	6.402667	2.452	159	39.09
7/12/18 14:00	695	13.33	24.07	10.32267	4.298	279.8	29.81
7/12/18 15:00	696	13.42	22.25	4.802	2.27	295.4	24.28
7/12/18 16:00	697	13.56	23.8	4.540667	2.304	320.8	21.87
7/12/18 17:00	698	13.57	25.42	4.867333	2.506	296.2	28.8
7/12/18 18:00	699	13.56	25.12	5.488	2.842	265.4	15.6
7/12/18 19:00	700	13.54	24.22	4.116	1.952	297.5	20.16
7/12/18 20:00	701	13.18	22.85	2.352	1.077	284	15.14
7/12/18 21:00	702	13.13	21.53	1.339333	0.534	317.9	28.54
7/12/18 22:00	703	13.13	21.04	1.372	0.7	313.8	23.79
7/12/18 23:00	704	13.07	20.9	1.600667	0.547	305.7	32.96
7/13/18 0:00	705	13.06	20.07	1.012667	0.146	350.9	7.606
7/13/18 1:00	706	13.02	19.34	0.947333	0.156	1.161	30.69
7/13/18 2:00	707	13.01	19.05	1.274	0.288	323.8	23.08
7/13/18 3:00	708	12.99	19.03	1.241333	0.353	312.7	29.66
7/13/18 4:00	709	12.97	18.53	1.600667	0.302	312.7	34.46
7/13/18 5:00	710	12.93	18.01	2.254	0.881	329.4	19.23
7/13/18 6:00	711	12.9	18.02	1.208667	0.554	325.4	30.19
7/13/18 7:00	712	12.98	19.5	1.927333	1.14	279	18.07
7/13/18 8:00	713	13.29	22.98	1.698667	0.787	254.5	17.39
7/13/18 9:00	714	13.56	26.72	1.96	0.666	232.7	68.9
7/13/18 10:00	715	13.52	28.99	3.168666	1.281	278.5	30.95

7/13/18 11:00	716	13.43	30.95	3.691333	1.171	272.9	82.3
7/13/18 12:00	717	13.26	32.36	4.932666	1.601	290.7	54.4
7/13/18 13:00	718	13.44	32.45	6.533333	2.258	229.2	68.77
7/13/18 14:00	719	13.4	31.81	7.186667	2.545	160.3	69.1
7/13/18 15:00	720	13.42	26.89	9.702	3.846	263.7	42.28
7/13/18 16:00	721	13.49	26.21	9.375333	3.372	300.5	36.54
7/13/18 17:00	722	13.52	25.88	2.94	1.148	341.5	26.65
7/13/18 18:00	723	13.29	25.37	2.254	0.423	30.87	21.13
7/13/18 19:00	724	13.25	24.92	2.156	0.516	322.2	55.58
7/13/18 20:00	725	13.13	24	1.829333	0.624	281.5	32.03
7/13/18 21:00	726	13.13	22.69	0.98	0.218	70.98	36.36
7/13/18 22:00	727	13.06	21.83	1.143333	0.267	276	32.29
7/13/18 23:00	728	13.04	21.48	1.927333	0.426	299	21.58
7/14/18 0:00	729	13.01	21.52	1.372	0.375	303.1	40.47
7/14/18 1:00	730	12.99	21.42	1.600667	0.5	290.2	29.22
7/14/18 2:00	731	12.96	20.77	1.404667	0.548	305.9	17.72
7/14/18 3:00	732	12.94	20.23	1.110667	0.248	349.3	42.89
7/14/18 4:00	733	12.91	20.33	1.241333	0.467	313.9	68.08
7/14/18 5:00	734	12.9	20.24	1.274	0.491	323.6	16.66
7/14/18 6:00	735	12.9	19.72	2.123333	0.735	314.4	26.07
7/14/18 7:00	736	12.93	20.19	2.744	0.816	285.1	29.56
7/14/18 8:00	737	13.22	23.16	1.764	0.428	307.3	87.2
7/14/18 9:00	738	13.53	24.45	1.764	0.945	102.6	14.49
7/14/18 10:00	739	13.56	26.5	2.482667	1.133	133.7	24.07
7/14/18 11:00	740	13.48	29.89	3.168666	0.986	171.1	63.16
7/14/18 12:00	741	13.44	32.9	4.377333	1.87	253	53.98
7/14/18 13:00	742	13.44	26.48	7.186667	2.763	147.3	66.61
7/14/18 14:00	743	13.29	23.44	9.506	3.136	109.9	95
7/14/18 15:00	744	13.21	21.27	4.312	0.995	112.6	64.09
7/14/18 16:00	745	13.17	20.72	3.658666	1.435	305	21.23
7/14/18 17:00	746	13.17	20.54	2.548	1.054	331.6	27.9
7/14/18 18:00	747	13.17	20.64	2.482667	0.901	356.7	39.76
7/14/18 19:00	748	10.53	20.62	2.94	0.723	333.8	58.92
7/14/18 20:00	749	13.05	20.4	1.437333	0.365	33.09	42.19
7/14/18 21:00	750	13.02	20	1.796667	0.57	327.3	15.04
7/14/18 22:00	751	12.99	20.05	1.306667	0.338	328	22.1
7/14/18 23:00	752	12.95	20.16	2.058	0.707	21.93	65.48
7/15/18 0:00	753	12.9	20.25	2.188667	0.839	319.3	27.57
7/15/18 1:00	754	12.9	20.24	1.927333	0.5	287.1	17.04
7/15/18 2:00	755	12.89	19.78	1.404667	0.458	307.7	39.5
7/15/18 3:00	756	12.86	19.32	1.731333	0.822	334.4	20.49
7/15/18 4:00	757	12.86	19.01	1.96	0.633	357.9	26.01
7/15/18 5:00	758	12.85	18.84	1.862	0.748	342.4	21.58
7/15/18 6:00	759	12.86	18.88	2.090667	1.086	312.6	25.53
7/15/18 7:00	760	12.94	20.4	3.168666	1.086	294	27.46
7/15/18 8:00	761	13.22	23.45	2.678667	0.934	268.7	35.91
7/15/18 9:00	762	13.56	24.23	2.156	1.156	269.9	20.05
7/15/18 10:00	763	13.53	26.9	3.985333	1.335	145.7	51.72



7/15/18 11:00	764	13.45	29.2	2.45	0.659	177.2	85.2
7/15/18 12:00	765	13.45	31.67	4.867333	1.552	249.7	49.1
7/15/18 13:00	766	13.41	32.37	8.199333	2.865	231.9	43.11
7/15/18 14:00	767	13.41	26.31	6.043334	2.049	332.4	45.06
7/15/18 15:00	768	13.3	22.69	10.35533	3.413	350.4	41.53
7/15/18 16:00	769	13.29	21.37	2.842	1.124	301.6	37.76
7/15/18 17:00	770	13.33	21.09	3.332	1.488	326.8	30.71
7/15/18 18:00	771	13.21	20.69	2.678667	1.063	344.1	27.04
7/15/18 19:00	772	13.13	20.96	3.364666	0.795	92.2	52.39
7/15/18 20:00	773	13.08	20.92	1.404667	0.197	105.6	9.21
7/15/18 21:00	774	13.06	20.63	2.482667	0.639	86.3	19.55
7/15/18 22:00	775	13.01	20.14	3.201333	1.088	93.7	44.13
7/15/18 23:00	776	13.02	19.78	1.078	0.408	306.8	66.37
7/16/18 0:00	777	12.98	19.6	2.025333	0.536	26.83	44.92
7/16/18 1:00	778	12.94	19.76	2.45	0.514	282.2	39.94
7/16/18 2:00	779	12.94	19.76	1.96	0.556	315.7	20.84
7/16/18 3:00	780	12.89	19.67	1.110667	0.245	305	38.41
7/16/18 4:00	781	12.85	19.7	1.306667	0.299	47.95	43.72
7/16/18 5:00	782	12.86	19.47	1.176	0.232	117.5	35.14
7/16/18 6:00	783	12.86	19.14	1.404667	0.53	329.3	21.16
7/16/18 7:00	784	12.94	19.44	1.666	0.495	274.8	36.5
7/16/18 8:00	785	13.25	21.17	1.339333	0.591	277	24.27
7/16/18 9:00	786	13.57	24.65	2.254	0.941	250.4	27.38
7/16/18 10:00	787	13.52	27.2	3.397333	1.586	274.4	19.2
7/16/18 11:00	788	13.45	30.62	3.593333	1.097	226.5	52.44
7/16/18 12:00	789	13.45	31.41	2.352	0.718	204.4	82.7
7/16/18 13:00	790	13.4	32.39	3.691333	1.343	127	31.47
7/16/18 14:00	791	13.41	31.49	4.312	1.384	243.1	42.79
7/16/18 15:00	792	13.45	29.76	7.154	3.449	276.5	24.87
7/16/18 16:00	793	13.46	29.37	4.214	1.959	286.6	20.01
7/16/18 17:00	794	13.48	29.36	3.495333	1.752	279	14.63
7/16/18 18:00	795	13.46	28.92	5.847333	1.646	266.5	61.88
7/16/18 19:00	796	13.38	27.07	5.912666	2.408	95.5	20.42
7/16/18 20:00	797	13.17	25.86	3.136	1.465	100.7	24.19
7/16/18 21:00	798	13.14	24.67	3.822	1.518	102.9	15.83
7/16/18 22:00	799	13.12	23.48	2.711333	0.774	91.6	22.16
7/16/18 23:00	800	13.05	23.23	2.319333	0.837	349.7	55.96
7/17/18 0:00	801	13.02	22.6	2.352	0.508	72.42	36.11
7/17/18 1:00	802	13.01	22.34	3.822	2.042	114.2	14.21
7/17/18 2:00	803	13.01	21.82	3.985333	2.08	109.5	18.68
7/17/18 3:00	804	12.98	20.65	2.776667	1.355	60.61	15.41
7/17/18 4:00	805	12.94	21	3.168666	1.615	84.2	17.57
7/17/18 5:00	806	12.93	20.79	1.731333	0.607	331.2	53.37
7/17/18 6:00	807	12.92	20.3	2.417333	0.621	18.11	35.2
7/17/18 7:00	808	12.98	21.49	1.012667	0.218	95.8	69.26
7/17/18 8:00	809	12.83	23.63	2.384667	0.968	280.6	39.99
7/17/18 9:00	810	13.54	27.02	2.286667	1.076	254.1	26.3
7/17/18 10:00	811	13.48	29.49	3.854666	1.22	156.9	39.89

7/17/18 11:00	812	13.44	29.94	5.063334	2.241	144.8	22.49
7/17/18 12:00	813	13.45	31.83	4.802	2.175	140.9	25.98
7/17/18 13:00	814	13.42	33.64	4.050666	1.66	163.8	55.41
7/17/18 14:00	815	13.4	34.89	5.030666	1.897	146.8	48.12
7/17/18 15:00	816	13.37	36.14	6.337333	2.086	177.1	62.27
7/17/18 16:00	817	13.37	34.23	7.317333	3.669	121.6	25.29
7/17/18 17:00	818	13.4	30.75	7.382667	2.565	14.82	70.03
7/17/18 18:00	819	12.36	27.5	5.618666	2.675	335.3	23.65
7/17/18 19:00	820	13.25	26.69	4.377333	2.209	321.6	16.01
7/17/18 20:00	821	13.14	25.44	3.854666	1.9	291.2	26
7/17/18 21:00	822	13.12	24.97	5.226666	2.256	303.8	28.37
7/17/18 22:00	823	13.06	24.59	4.704	1.993	295.1	37.06
7/17/18 23:00	824	13.05	25.16	7.154	2.002	287.9	37.35
7/18/18 0:00	825	13.02	23.45	3.201333	1.025	290.5	63.05
7/18/18 1:00	826	12.99	23.07	3.005333	1.148	70.56	16.8
7/18/18 2:00	827	12.97	22.91	3.560667	1.226	88.2	43.81
7/18/18 3:00	828	12.94	22.31	3.560667	1.383	325.9	24.28
7/18/18 4:00	829	12.94	22.78	2.482667	1.097	317.1	29.38
7/18/18 5:00	830	12.9	22.07	2.580667	0.559	353.6	51.18
7/18/18 6:00	831	12.89	21.57	1.927333	0.642	28.28	58.49
7/18/18 7:00	832	12.91	21.75	2.123333	0.882	302.2	27.66
7/18/18 8:00	833	13.29	23.59	2.319333	0.798	320.2	47.91
7/18/18 9:00	834	13.52	27.96	2.058	0.646	125.1	82.9
7/18/18 10:00	835	13.43	30.27	3.658666	1.527	169.4	36.55
7/18/18 11:00	836	13.45	31.62	3.560667	1.131	177.2	60.88
7/18/18 12:00	837	13.4	34	4.018	1.135	215.7	71.44
7/18/18 13:00	838	13.38	35.55	4.606	1.291	295.5	73.09
7/18/18 14:00	839	13.34	35.49	4.41	1.894	262	68.25
7/18/18 15:00	840	13.21	30.9	10.91067	4.155	253.2	48.66
7/18/18 16:00	841	13.13	22.21	9.113999	3.302	302.9	63.55
7/18/18 17:00	842	13.13	21.14	5.324667	2.362	331.7	41.12
7/18/18 18:00	843	13.14	22	5.030666	1.074	31.19	83.1
7/18/18 19:00	844	13.13	22.47	2.090667	0.546	135.7	42.98
7/18/18 20:00	845	13.01	22.36	3.201333	1.571	91.7	18.56
7/18/18 21:00	846	12.98	21.79	4.377333	1.97	97.8	14.28
7/18/18 22:00	847	12.94	21.53	3.364666	1.392	74.34	14.77
7/18/18 23:00	848	12.91	20.62	1.535333	0.698	40.23	46.81
7/19/18 0:00	849	12.9	20.16	2.123333	0.836	311.8	55.23
7/19/18 1:00	850	12.86	19.58	2.711333	1.297	315.1	16.69
7/19/18 2:00	851	12.86	19.14	1.535333	0.558	306.9	69.94
7/19/18 3:00	852	12.86	18.75	1.992667	0.491	348.1	62.23
7/19/18 4:00	853	12.86	18.44	1.012667	0.261	4.862	25.98
7/19/18 5:00	854	12.86	18.14	1.535333	0.336	325.5	38.48
7/19/18 6:00	855	12.86	18.13	1.992667	0.716	293	24.25
7/19/18 7:00	856	12.9	19.22	1.862	0.753	315.4	16.67
7/19/18 8:00	857	13.06	22.27	2.384667	1.392	290.5	19.34
7/19/18 9:00	858	9.87	26	2.515333	1.45	258.5	16.26
7/19/18 10:00	859	13.49	28.98	3.136	1.684	265.9	21.55

7/19/18 11:00	860	13.46	31.39	7.35	1.751	278.7	32.73
7/19/18 12:00	861	13.4	32.56	5.847333	2.152	268.4	27.28
7/19/18 13:00	862	13.41	33.79	9.146667	2.437	278.7	28.93
7/19/18 14:00	863	13.37	34.99	6.402667	3.107	258.7	20.14
7/19/18 15:00	864	13.37	33.71	5.945333	3.245	244.7	16.12
7/19/18 16:00	865	13.4	33.13	4.41	2.287	208.2	28.35
7/19/18 17:00	866	13.41	29.44	9.604	3.119	54.35	63.29
7/19/18 18:00	867	13.47	27.03	10.51867	4.746	321.1	33.21
7/19/18 19:00	868	13.33	25.51	7.480667	2.975	293.2	42.03
7/19/18 20:00	869	13.14	24.23	3.43	1.828	280.3	15.31
7/19/18 21:00	870	13.12	23.45	3.495333	2.056	270.1	18.1
7/19/18 22:00	871	13.06	22.2	2.254	0.973	284.7	52.85
7/19/18 23:00	872	13.03	21.94	5.292	1.238	323.8	36.28
7/20/18 0:00	873	13.01	23.99	6.304667	2.518	83	47
7/20/18 1:00	874	13.02	23.06	2.417333	0.994	5.432	58.33
7/20/18 2:00	875	12.99	22.82	5.716666	2.118	325.4	27.47
7/20/18 3:00	876	12.98	22.18	5.586	1.822	285.3	46.28
7/20/18 4:00	877	12.94	20.89	3.038	1.13	281.2	27.52
7/20/18 5:00	878	12.93	19.93	1.176	0.124	2.59	20.15
7/20/18 6:00	879	12.9	19.6	1.306667	0.234	35.17	29.8
7/20/18 7:00	880	12.98	20.54	1.666	0.327	318.2	37.74
7/20/18 8:00	881	13.29	21.22	1.927333	0.779	276.1	25.1
7/20/18 9:00	882	13.55	25.87	2.058	0.73	234.3	58.18
7/20/18 10:00	883	13.5	28.96	2.94	1.177	134.5	39.2
7/20/18 11:00	884	13.41	32.35	2.515333	0.798	207.1	79.39
7/20/18 12:00	885	13.37	34.36	2.254	0.841	289.9	66.32
7/20/18 13:00	886	13.39	35.58	4.312	1.463	207.1	77.71
7/20/18 14:00	887	13.37	33.44	3.92	1.612	229.3	31.23
7/20/18 15:00	888	13.41	33.97	6.37	2.205	226.7	24.74
7/20/18 16:00	889	13.37	34.83	5.814666	2.179	279.1	42.22
7/20/18 17:00	890	13.37	30.89	6.958	3.239	284.7	28.57
7/20/18 18:00	891	13.43	30.06	6.043334	2.767	304.3	29.02
7/20/18 19:00	892	13.37	30.66	5.226666	2.203	304.9	23.51
7/20/18 20:00	893	13.18	28.49	2.515333	0.953	289.6	25.06
7/20/18 21:00	894	13.13	26.19	2.972667	1.155	301.5	33.25
7/20/18 22:00	895	13.09	24.77	2.482667	0.791	317.9	26.15
7/20/18 23:00	896	13.06	24.01	1.796667	0.636	328.2	23.19
7/21/18 0:00	897	13.02	23.79	2.221333	1.175	313.3	22.73
7/21/18 1:00	898	13.01	22.62	2.319333	0.932	307.7	21.75
7/21/18 2:00	899	12.98	21.89	2.744	1.238	312.2	16.6
7/21/18 3:00	900	12.95	21.04	1.862	0.655	316.5	18.07
7/21/18 4:00	901	12.93	20.53	2.94	0.838	311.4	12.8
7/21/18 5:00	902	12.91	19.86	3.43	0.928	301.2	20.36
7/21/18 6:00	903	12.9	19.68	2.907333	1.39	297.3	26.56
7/21/18 7:00	904	12.99	21.2	2.972667	1.138	294.7	31.4
7/21/18 8:00	905	13.57	24.44	2.711333	1.279	290.2	30
7/21/18 9:00	906	13.53	27.35	6.402667	1.789	148.9	39.77
7/21/18 10:00	907	13.48	28.25	6.86	3.22	114.9	19.2

7/21/18 11:00	908	13.48	28.75	6.827333	3.378	220.2	52.83
7/21/18 12:00	909	13.46	27.5	7.317333	4.259	250.7	18.56
7/21/18 13:00	910	13.46	28.4	8.591332	4.687	270.3	15.27
7/21/18 14:00	911	13.46	30.07	8.722	4.488	279.4	22.36
7/21/18 15:00	912	13.42	31.25	7.938	3.876	285.8	21.22
7/21/18 16:00	913	13.42	31.76	8.003333	3.964	293	20.87
7/21/18 17:00	914	13.45	32.27	7.742	3.964	288.7	21.39
7/21/18 18:00	915	13.45	32.22	5.945333	3.106	300.2	23.06
7/21/18 19:00	916	13.33	30.76	5.063334	2.718	301.8	18.86
7/21/18 20:00	917	13.14	27.76	4.148666	1.398	309.5	26.05
7/21/18 21:00	918	13.14	25.03	2.025333	0.656	330.8	11.67
7/21/18 22:00	919	13.13	23.55	2.058	0.754	313.7	25.47
7/21/18 23:00	920	13.05	21.97	1.143333	0.111	28.93	13.71
7/22/18 0:00	921	13.02	21.04	2.156	0.677	332.1	56.63
7/22/18 1:00	922	13.01	20.28	2.45	0.8	322.6	44.03
7/22/18 2:00	923	12.98	19.6	2.025333	0.979	324.5	9.71
7/22/18 3:00	924	12.95	19.01	2.254	1.004	296.6	15.5
7/22/18 4:00	925	12.93	18.59	2.45	1.377	327.1	12.98
7/22/18 5:00	926	12.9	18.13	1.698667	0.86	310.3	27.71
7/22/18 6:00	927	12.9	17.07	2.058	0.66	313.9	15.31
7/22/18 7:00	928	12.94	18.98	2.874667	1.254	306.9	21.1
7/22/18 8:00	929	13.18	22	2.776667	1.649	277.8	15.41
7/22/18 9:00	930	13.56	25.94	2.417333	1.139	262.3	21.61
7/22/18 10:00	931	13.52	29.38	3.626	1.29	270.3	35.37
7/22/18 11:00	932	10.26	31.61	3.789333	1.558	265.7	47.06
7/22/18 12:00	933	13.45	33.45	5.161334	1.333	252.7	55.59
7/22/18 13:00	934	13.41	34.38	5.684	1.921	301.9	52.07
7/22/18 14:00	935	13.34	35.53	5.39	1.879	285.9	57.78
7/22/18 15:00	936	13.34	37.13	6.043334	2.311	289	51.56
7/22/18 16:00	937	13.33	37.93	5.553333	2.277	292.5	40.39
7/22/18 17:00	938	12.29	38.09	6.076	2.386	292.1	33.84
7/22/18 18:00	939	13.32	37.43	4.802	2.234	292	42.05
7/22/18 19:00	940	13.28	35.49	5.651333	2.557	294.4	17.79
7/22/18 20:00	941	13.15	32.24	3.985333	1.888	306.5	16.55
7/22/18 21:00	942	13.14	29.97	4.377333	2.16	308.1	20.72
7/22/18 22:00	943	13.08	28.15	3.756666	1.844	335	14.77
7/22/18 23:00	944	13.02	26.44	2.515333	1.307	314	23.8
7/23/18 0:00	945	13.01	24.83	3.038	1.519	292.1	19.02
7/23/18 1:00	946	12.98	23.83	3.462667	1.559	311.6	20.89
7/23/18 2:00	947	12.93	23.15	3.070667	1.621	301.9	16.4
7/23/18 3:00	948	12.91	22.54	3.201333	1.737	301.5	16.47
7/23/18 4:00	949	12.9	21.98	3.168666	1.686	312.9	18.02
7/23/18 5:00	950	12.89	21.28	2.874667	1.364	301.4	21.74
7/23/18 6:00	951	12.88	20.29	2.090667	0.83	309.8	31.03
7/23/18 7:00	952	12.91	22.13	2.809333	0.917	288	24.61
7/23/18 8:00	953	13.22	25.67	3.332	1.525	279	19.95
7/23/18 9:00	954	13.49	29.33	3.593333	2.088	275.9	18.38
7/23/18 10:00	955	13.44	32.5	3.724	2.012	258.4	23.43

7/23/18 11:00	956	13.41	35.77	4.018	1.553	214.3	48.29
7/23/18 12:00	957	13.26	37.29	4.9	1.802	249.4	41.66
7/23/18 13:00	958	13.19	38.48	4.867333	1.865	239	68.8
7/23/18 14:00	959	13.31	39.76	5.716666	1.502	213.4	83.6
7/23/18 15:00	960	13.26	40.06	4.802	1.387	317.7	72.68
7/23/18 16:00	961	13.3	38.57	5.618666	1.829	314	36.39
7/23/18 17:00	962	13.3	35.99	7.872667	3.146	249.2	21.68
7/23/18 18:00	963	13.37	32	8.199333	2.584	298.2	54.82
7/23/18 19:00	964	13.41	33.83	7.644	3.293	352.7	22.73
7/23/18 20:00	965	13.14	31.22	7.252	2.151	302.7	41.33
7/23/18 21:00	966	13.13	27.59	2.646	1.418	312.6	25.45
7/23/18 22:00	967	13.06	26.03	2.156	0.915	341.3	23.61
7/23/18 23:00	968	13.02	26.12	2.580667	1.231	342.3	16.53
7/24/18 0:00	969	13.01	23.8	1.992667	0.361	317.4	49.13
7/24/18 1:00	970	12.97	22.8	2.776667	1.25	307	21.01
7/24/18 2:00	971	12.94	22.81	2.711333	1.315	329.7	17.86
7/24/18 3:00	972	12.92	21.46	1.829333	0.805	317.6	35.9
7/24/18 4:00	973	12.9	20.34	2.515333	0.69	319.3	37.68
7/24/18 5:00	974	12.86	20	2.711333	1.572	319.4	12.53
7/24/18 6:00	975	12.86	19.67	2.156	0.961	323.6	14.64
7/24/18 7:00	976	12.94	21.48	1.731333	0.516	287.9	21.16
7/24/18 8:00	977	13.14	25.03	2.417333	1.417	271	12.14
7/24/18 9:00	978	13.49	29.56	3.005333	1.046	269	28.25
7/24/18 10:00	979	13.45	33.41	2.580667	1.017	187.7	51.01
7/24/18 11:00	980	13.37	36.44	4.704	1.838	133.8	33.35
7/24/18 12:00	981	13.37	32.93	11.13933	3.266	231.9	71.74
7/24/18 13:00	982	13.4	26.96	11.956	4.047	303.8	87.8
7/24/18 14:00	983	13.53	28.33	10.878	2.464	62.63	47.71
7/24/18 15:00	984	13.45	30.98	7.088667	1.197	31.87	57.42
7/24/18 16:00	985	13.42	32.2	4.475333	1.365	44.38	37.63
7/24/18 17:00	986	13.45	32.66	4.475333	0.961	337.4	55.93
7/24/18 18:00	987	13.38	34.61	2.188667	0.97	153	59.33
7/24/18 19:00	988	13.25	32.37	6.108666	2.254	331.8	35.88
7/24/18 20:00	989	13.15	29.61	5.357333	1.532	341.9	57.44
7/24/18 21:00	990	13.13	26.99	2.417333	1.045	349.3	19.86
7/24/18 22:00	991	13.08	25.45	2.972667	0.73	47.23	55.17
7/24/18 23:00	992	13.05	24.63	2.842	0.949	321.3	47.59
7/25/18 0:00	993	13.02	23.71	2.188667	0.814	337.4	16.81
7/25/18 1:00	994	12.99	22.04	3.266666	1.054	315.5	27.53
7/25/18 2:00	995	12.97	21.02	2.646	0.936	311.2	19.98
7/25/18 3:00	996	12.93	20.46	3.103333	1.139	331.4	21.97
7/25/18 4:00	997	12.89	19.37	1.47	0.335	333.4	27.71
7/25/18 5:00	998	12.86	18.81	2.188667	0.464	326	32.66
7/25/18 6:00	999	12.85	18.32	2.907333	1.45	316.3	13.32
7/25/18 7:00	1000	12.83	20.58	2.286667	0.947	309.8	22.13
7/25/18 8:00	1001	13.17	24	2.678667	1.633	275.9	10.61
7/25/18 9:00	1002	13.48	28.26	2.547151	1.037	261.8	22.53
7/25/18 10:00	1003	13.42	31.94	3.560667	1.403	136.3	35.12

7/25/18 11:00	1004	13.38	34.72	3.724	1.669	129	24.53
7/25/18 12:00	1005	13.34	37.7	3.92	1.473	169.4	44.67
7/25/18 13:00	1006	13.32	37.8	5.161334	1.819	203.6	53.6
7/25/18 14:00	1007	13.29	28.8	10.878	3.908	179.3	75.28
7/25/18 15:00	1008	13.34	28.9	5.488	1.73	144.3	54.21
7/25/18 16:00	1009	13.41	32.54	7.317333	3.229	230.4	16.9
7/25/18 17:00	1010	13.41	31.59	7.056	1.919	120.4	87.8
7/25/18 18:00	1011	13.38	35.3	3.462667	0.953	111.1	42.35
7/25/18 19:00	1012	13.27	34.53	2.417333	0.649	329.1	57.59
7/25/18 20:00	1013	13.14	30.22	1.568	0.82	336.6	28.47
7/25/18 21:00	1014	13.13	27.88	2.384667	1.1	347.7	13.88
7/25/18 22:00	1015	13.07	25.87	1.666	0.554	352.8	21.66
7/25/18 23:00	1016	13.03	25.46	3.103333	1.387	328.5	27.22
7/26/18 0:00	1017	13.01	23.23	2.188667	0.729	339.5	25.48
7/26/18 1:00	1018	12.97	21.75	1.143333	0.323	338	35.53
7/26/18 2:00	1019	12.94	20.81	2.580667	0.918	316.1	27.02
7/26/18 3:00	1020	12.9	19.98	2.058	0.856	314.4	32.25
7/26/18 4:00	1021	12.88	19.13	2.548	1.155	315.7	17.9
7/26/18 5:00	1022	12.86	18.51	2.809333	1.551	316.2	14
7/26/18 6:00	1023	12.86	18.5	3.658666	1.487	305.4	20.78
7/26/18 7:00	1024	12.94	19.3	1.894667	0.92	355.7	27.15
7/26/18 8:00	1025	11.33	22.6	3.136	1.033	257.2	52
7/26/18 9:00	1026	13.54	26.72	2.319333	0.669	154.9	28.3
7/26/18 10:00	1027	13.49	30.96	2.156	0.819	168.9	32.46
7/26/18 11:00	1028	13.41	34.23	2.613333	0.849	216.8	50.74
7/26/18 12:00	1029	13.35	35.47	4.344666	1.74	273.3	29.65
7/26/18 13:00	1030	13.37	37.24	5.324667	2.119	277	29.39
7/26/18 14:00	1031	13.33	38.27	5.684	2.893	281.2	24.3
7/26/18 15:00	1032	13.29	38.03	5.978	3.108	276.8	17.68
7/26/18 16:00	1033	13.33	37.45	5.945333	3.098	323.9	27.65
7/26/18 17:00	1034	13.33	34.99	7.513333	3.107	303.7	17.33
7/26/18 18:00	1035	13.38	33.97	6.108666	3.037	340.3	21
7/26/18 19:00	1036	13.28	32.12	6.37	1.824	291.8	26.15
7/26/18 20:00	1037	13.13	30.7	4.736666	1.803	320.7	17.29
7/26/18 21:00	1038	13.13	27.93	4.769333	1.779	64.73	65.43
7/26/18 22:00	1039	13.05	26.65	4.377333	2.056	90.8	14
7/26/18 23:00	1040	13.01	25.84	3.528	1.077	23.44	74.12
7/27/18 0:00	1041	13.01	24.42	4.638667	1.709	297	28.67
7/27/18 1:00	1042	12.98	23.64	4.475333	1.851	312.4	29.81
7/27/18 2:00	1043	12.94	22.93	2.94	1	321.9	34.31
7/27/18 3:00	1044	12.92	22.28	3.201333	1.065	335.8	16.7
7/27/18 4:00	1045	12.89	21.09	2.548	1.022	306.9	33.27
7/27/18 5:00	1046	12.87	20.37	2.613333	1.066	330.4	44.09
7/27/18 6:00	1047	12.86	19.35	1.764	0.639	74.1	33.33
7/27/18 7:00	1048	12.9	20.73	1.666	0.336	32.84	35.24
7/27/18 8:00	1049	13.32	24.29	2.711333	0.976	267.9	38.49
7/27/18 9:00	1050	13.52	28.4	4.018	1.982	110	20.36
7/27/18 10:00	1051	13.49	31	5.618666	2.381	107.7	21.4

7/27/18 11:00	1052	13.41	33.72	6.141333	2.089	119.8	25.58
7/27/18 12:00	1053	13.37	35.78	5.226666	1.92	135.3	39.67
7/27/18 13:00	1054	13.37	37.66	4.444148	1.32	219.9	73.66
7/27/18 14:00	1055	13.33	39.01	5.357333	1.921	246.9	53.15
7/27/18 15:00	1056	13.29	37.88	8.199333	4.203	179.7	21.27
7/27/18 16:00	1057	13.33	34.58	9.963333	4.681	208.9	22.18
7/27/18 17:00	1058	13.36	30.92	11.10667	3.833	216	28.41
7/27/18 18:00	1059	13.35	31.02	5.063334	1.63	357.5	93.8
7/27/18 19:00	1060	13.21	29.64	6.500667	1.369	43.31	74.33
7/27/18 20:00	1061	13.13	29.13	3.789333	0.815	313.4	55.11
7/27/18 21:00	1062	13.09	26.67	8.362667	3.277	122.2	39.52
7/27/18 22:00	1063	13.06	25.34	8.297333	4.853	103.9	12.2
7/27/18 23:00	1064	13.02	24.26	6.304667	3.335	100.2	11.63
7/28/18 0:00	1065	12.99	22.74	3.528	1.279	103.1	11.59
7/28/18 1:00	1066	12.97	21.11	1.306667	0.365	17.45	54.23
7/28/18 2:00	1067	12.93	19.94	1.894667	0.474	311.5	26.65
7/28/18 3:00	1068	12.9	19.2	1.862	0.463	341.1	42.18
7/28/18 4:00	1069	12.86	18.89	1.992667	0.679	305.4	22.83
7/28/18 5:00	1070	12.85	18.99	2.254	0.408	295.4	68.39
7/28/18 6:00	1071	12.86	19.66	5.488	2.8	106	15.86
7/28/18 7:00	1072	12.9	22.1	4.41	2.014	102.8	12.37
7/28/18 8:00	1073	13.26	24.92	4.834666	2.751	114.5	14.65
7/28/18 9:00	1074	13.49	27.56	5.422667	2.947	114.7	15.89
7/28/18 10:00	1075	13.46	30.1	5.096	2.796	128.5	21.03
7/28/18 11:00	1076	13.42	32.56	5.716666	2.751	134.8	23.44
7/28/18 12:00	1077	13.38	34.73	4.9	1.927	122.6	47.68
7/28/18 13:00	1078	13.37	36.53	5.912666	2.13	181.2	52.96
7/28/18 14:00	1079	13.34	38	7.448	3.133	218.6	30.76
7/28/18 15:00	1080	13.33	38.77	9.212	4.692	226.7	21.04
7/28/18 16:00	1081	13.3	38.13	9.604	4.515	219.8	18.06
7/28/18 17:00	1082	13.33	33.97	9.179333	3.268	55.24	42.15
7/28/18 18:00	1083	13.25	25.77	11.43333	3.539	6.747	34.16
7/28/18 19:00	1084	13.37	22.16	9.898	3.677	105.9	36.94
7/28/18 20:00	1085	13.13	21.89	5.292	2.868	88.5	18.29
7/28/18 21:00	1086	13.06	22.19	4.932666	1.799	62.81	25.41
7/28/18 22:00	1087	13.02	23.05	4.148666	0.89	49.26	54.97
7/28/18 23:00	1088	13.01	22.55	3.528	1.604	101.9	26.39
7/29/18 0:00	1089	12.99	21.83	2.352	0.87	24.88	60.58
7/29/18 1:00	1090	12.97	22.12	3.887333	1.488	102.5	30.47
7/29/18 2:00	1091	12.94	21.7	2.254	0.987	302.9	45.93
7/29/18 3:00	1092	12.94	20.76	1.992667	0.811	346.5	33.75
7/29/18 4:00	1093	12.89	20.01	1.764	0.779	332.4	21.5
7/29/18 5:00	1094	12.87	19.6	2.221333	0.817	301.8	46.66
7/29/18 6:00	1095	12.85	19.12	3.887333	1.547	293.6	37.34
7/29/18 7:00	1096	12.91	20.53	2.058	0.311	35.22	23.22
7/29/18 8:00	1097	13.35	24.17	2.384667	0.885	190.4	60.39
7/29/18 9:00	1098	13.56	26.04	3.560667	1.581	142.1	20.46
7/29/18 10:00	1099	13.49	27.42	3.952667	2.068	135	18.38

7/29/18 11:00	1100	13.48	29.87	3.201333	1.175	131.4	49.29
7/29/18 12:00	1101	13.45	32.51	3.168666	1.095	237.4	49.87
7/29/18 13:00	1102	13.41	34.2	3.038	1.023	251	66.92
7/29/18 14:00	1103	13.37	35.72	3.528	1.169	244.7	63.62
7/29/18 15:00	1104	13.37	37.24	4.148666	1.754	285.6	51.69
7/29/18 16:00	1105	13.33	38.32	4.9	1.621	275	40.81
7/29/18 17:00	1106	13.33	38.54	3.789333	1.386	241.1	50.7
7/29/18 18:00	1107	10.09	36.39	5.684	2.708	237.5	17.1
7/29/18 19:00	1108	13.22	33.02	4.475333	2.009	277.6	29.31
7/29/18 20:00	1109	13.13	30.24	5.096	1.62	7.871	56.57
7/29/18 21:00	1110	13.13	28.79	3.234	0.79	91.1	35.66
7/29/18 22:00	1111	13.05	25.78	6.272	2.663	308.5	44.56
7/29/18 23:00	1112	13.02	25.73	5.749333	1.977	337.3	54.72
7/30/18 0:00	1113	13	26.12	9.702	3.308	322.3	35.95
7/30/18 1:00	1114	12.97	25.49	4.9	1.506	315.1	49.86
7/30/18 2:00	1115	12.94	24.94	5.716666	3.039	100.6	20.94
7/30/18 3:00	1116	12.94	24.45	5.030666	2.093	73.73	65.12
7/30/18 4:00	1117	12.9	22.63	3.397333	0.641	319.7	25.05
7/30/18 5:00	1118	12.86	21.77	2.613333	1.048	313.2	45.89
7/30/18 6:00	1119	12.86	20.92	2.058	0.971	325.5	30.31
7/30/18 7:00	1120	12.9	21.72	2.156	0.624	287	39.06
7/30/18 8:00	1121	13.17	25.1	1.372	0.483	251.2	20.94
7/30/18 9:00	1122	13.53	28.64	4.083333	1.699	287.6	25.76
7/30/18 10:00	1123	13.49	29.82	5.063334	2.405	286.5	22.45
7/30/18 11:00	1124	13.45	32.99	5.357333	2.392	269.4	23.65
7/30/18 12:00	1125	13.35	34.8	6.696667	3.176	269.5	19.77
7/30/18 13:00	1126	13.33	36.22	5.586	3.178	268.7	20.72
7/30/18 14:00	1127	13.33	37.55	6.174	3.098	267.1	22.33
7/30/18 15:00	1128	13.3	38.82	5.847333	2.783	267.8	25.11
7/30/18 16:00	1129	13.28	39.51	5.912666	2.688	237.8	29.44
7/30/18 17:00	1130	13.21	32.34	9.832666	2.729	55.74	46.84
7/30/18 18:00	1131	13.13	26.48	6.990667	2.488	323.6	25.15
7/30/18 19:00	1132	13.13	28.69	16.954	3.663	320.1	77.33
7/30/18 20:00	1133	13.06	27.74	10.74733	4.245	359.5	32.09
7/30/18 21:00	1134	13.01	29.1	10.682	3.996	355	35.79
7/30/18 22:00	1135	12.99	28.71	10.486	4.409	82.7	51.37
7/30/18 23:00	1136	12.94	25.68	5.520667	2.303	90	41.85
7/31/18 0:00	1137	12.93	24.73	4.442667	2.023	107.6	22.96
7/31/18 1:00	1138	12.9	23.87	5.978	2.11	107.4	16.63
7/31/18 2:00	1139	12.87	22.86	3.136	1.571	74.42	14.75
7/31/18 3:00	1140	12.86	22.87	2.972667	1.66	86.1	12.3
7/31/18 4:00	1141	12.85	21.88	2.319333	0.319	43.26	36.35
7/31/18 5:00	1142	12.85	20.35	1.568	0.548	358.6	21.38
7/31/18 6:00	1143	12.86	19.89	1.274	0.295	36.43	17.1
7/31/18 7:00	1144	12.9	20.5	2.352	0.962	280.2	24.31
7/31/18 8:00	1145	13.26	23.28	3.626	2.001	266.7	11.46
7/31/18 9:00	1146	13.52	27.34	3.136	1.482	233	36.71
7/31/18 10:00	1147	13.48	30.66	2.94	1.137	168	39.3



7/31/18 11:00	1148	13.44	33.15	3.103333	1.268	216.4	54.73
7/31/18 12:00	1149	13.41	35.11	5.161334	2.016	256.7	29.5
7/31/18 13:00	1150	13.37	35.98	4.606	2.348	244.3	29.37
7/31/18 14:00	1151	13.34	37.52	4.508	1.462	29.71	84.8
7/31/18 15:00	1152	13.33	39.01	3.822	1.387	251.1	77.9
7/31/18 16:00	1153	13.29	38.45	7.056	3.2	253.5	26.93
7/31/18 17:00	1154	13.3	36.16	5.945333	2.93	286.1	19.69
7/31/18 18:00	1155	13.34	34.94	10.32267	4.766	106.5	55.01
7/31/18 19:00	1156	13.3	31.41	6.272	2.128	91.4	31.62
7/31/18 20:00	1157	13.13	29.53	2.678667	0.679	0.22	33.51
7/31/18 21:00	1158	13.08	28.86	2.646	1.383	332.4	27.03
7/31/18 22:00	1159	13.06	26.81	1.96	0.581	288.4	43.07
7/31/18 23:00	1160	13.03	25.1	1.568	0.404	355.9	23.23
8/1/18 0:00	1161	13.01	25.04	2.352	0.801	334	23.36
8/1/18 1:00	1162	12.98	24.05	1.96	0.488	320	37.57
8/1/18 2:00	1163	12.94	22.56	0.914667	0.12	27.55	27.35
8/1/18 3:00	1164	12.94	21.54	1.600667	0.203	318.1	29.41
8/1/18 4:00	1165	12.9	21.56	1.568	0.735	329.7	23.22
8/1/18 5:00	1166	12.88	20.49	1.992667	0.715	349.5	41.44
8/1/18 6:00	1167	12.85	20.09	1.666	0.211	326.7	35.2
8/1/18 7:00	1168	12.9	20.95	2.123333	0.714	287.9	36.41
8/1/18 8:00	1169	13.24	24.84	1.502667	0.726	254.4	15.7
8/1/18 9:00	1170	13.52	29.06	2.613333	0.64	169.3	39.06
8/1/18 10:00	1171	13.45	31.54	3.168666	1.418	137.5	34.57
8/1/18 11:00	1172	13.41	34.38	3.234	1.107	124.6	59.85
8/1/18 12:00	1173	13.37	36.73	4.9	1.142	346.8	98.7
8/1/18 13:00	1174	13.37	36.2	4.834666	1.956	186.6	33.42
8/1/18 14:00	1175	13.37	36	5.357333	2.289	158.5	23.15
8/1/18 15:00	1176	12.34	35.6	6.239333	3.228	117.3	22.07
8/1/18 16:00	1177	13.34	27.86	11.27	2.941	3.167	34.13
8/1/18 17:00	1178	13.48	30.99	8.656667	3.691	2.612	25.95
8/1/18 18:00	1179	13.44	31.72	5.226666	1.707	154.5	90.4
8/1/18 19:00	1180	13.26	29.95	6.533333	2.229	138.9	32.16
8/1/18 20:00	1181	13.13	27.24	2.907333	0.78	25.72	65.38
8/1/18 21:00	1182	13.12	26.07	5.39	2.068	101.7	35.32
8/1/18 22:00	1183	13.06	24.89	4.704	1.891	105.4	29.27
8/1/18 23:00	1184	13.02	24.15	4.083333	1.247	102.4	30.77
8/2/18 0:00	1185	13.01	23.17	4.41	1.385	147	51.6
8/2/18 1:00	1186	12.98	21.34	3.462667	1.233	94.7	36.09
8/2/18 2:00	1187	12.95	21.02	2.156	0.262	30.63	35.66
8/2/18 3:00	1188	12.93	19.82	1.078	0.168	36.06	47.83
8/2/18 4:00	1189	12.9	19.25	2.776667	0.492	306.1	45.72
8/2/18 5:00	1190	12.89	18.82	2.94	1.139	280.2	22.82
8/2/18 6:00	1191	12.85	17.85	1.437333	0.205	4.665	31.4
8/2/18 7:00	1192	12.89	18.23	1.502667	0.624	333.5	17.28
8/2/18 8:00	1193	13.06	21.39	1.568	0.601	263.5	24.96
8/2/18 9:00	1194	13.57	25.87	2.874667	0.912	195.9	76.74
8/2/18 10:00	1195	13.53	28.65	3.789333	1.843	125.5	24.11

8/2/18 11:00	1196	13.44	31.28	4.279333	2.196	138.4	24.28
8/2/18 12:00	1197	13.44	32.55	4.41	2.16	137.6	26.43
8/2/18 13:00	1198	13.38	30.41	6.468	2.351	197.2	33.93
8/2/18 14:00	1199	13.25	27.7	7.905333	3.127	253.8	50.84
8/2/18 15:00	1200	13.24	25.83	6.598667	2.185	314	28.6
8/2/18 16:00	1201	13.16	24.32	5.292	1.592	265.6	65.87
8/2/18 17:00	1202	13.14	23.17	5.488	1.565	349.5	29.27
8/2/18 18:00	1203	13.09	22.65	4.996335	2.394	297	33.31
8/2/18 19:00	1204	13.05	21.33	6.631333	2.662	317.4	27.32
8/2/18 20:00	1205	12.99	22.14	8.918	4.134	341.1	18.4
8/2/18 21:00	1206	12.95	21.22	6.468	2.43	286.6	22.11
8/2/18 22:00	1207	12.9	20.71	4.932666	1.286	337.6	33.1
8/2/18 23:00	1208	12.86	20.93	2.221333	0.884	359.3	43.86
8/3/18 0:00	1209	12.86	20.89	4.475333	2	84.2	44.96
8/3/18 1:00	1210	12.86	21.25	6.402667	1.653	72.85	27.14
8/3/18 2:00	1211	12.85	20.57	2.384667	0.917	295.7	33.63
8/3/18 3:00	1212	12.84	20.67	6.108666	1.514	322.2	44.27
8/3/18 4:00	1213	12.83	20.67	6.827333	2.224	291.2	32.43
8/3/18 5:00	1214	12.82	19.38	2.94	0.663	343.7	62.36
8/3/18 6:00	1215	12.82	18.76	1.535333	0.318	23.62	45.9
8/3/18 7:00	1216	12.86	19.1	1.339333	0.248	58.49	7.085
8/3/18 8:00	1217	13.03	23.33	2.123333	0.997	106.9	45.97
8/3/18 9:00	1218	13.52	26.67	3.626	1.651	132.6	23.84
8/3/18 10:00	1219	13.46	28.9	3.985333	2.303	115.5	20.57
8/3/18 11:00	1220	13.46	31.27	4.638667	2.018	117.2	29.92
8/3/18 12:00	1221	13.41	33.5	3.168666	1.209	127.3	91.9
8/3/18 13:00	1222	13.41	35.09	4.769333	1.446	276.1	73.56
8/3/18 14:00	1223	13.37	35.88	5.716666	2.675	251	46.68
8/3/18 15:00	1224	13.37	35.32	7.252	3.116	259.9	22.24
8/3/18 16:00	1225	13.37	36.07	6.566	3.15	289.8	21.9
8/3/18 17:00	1226	13.34	36.61	5.259333	2.013	248	76.61
8/3/18 18:00	1227	13.33	35.28	5.455333	2.682	137.4	18.85
8/3/18 19:00	1228	13.26	33.38	3.168666	1.585	128.8	18.08
8/3/18 20:00	1229	13.13	30.11	1.796667	0.925	91	31.77
8/3/18 21:00	1230	13.1	27.83	1.796667	0.328	48.63	10.22
8/3/18 22:00	1231	13.05	25.68	0.751333	0.178	352.7	26.36
8/3/18 23:00	1232	13.01	24.39	1.633333	0.349	357.5	7.038
8/4/18 0:00	1233	13.01	24.12	1.600667	0.818	357.5	14.25
8/4/18 1:00	1234	12.97	23.69	1.796667	0.67	2.755	21.83
8/4/18 2:00	1235	12.95	21.81	1.633333	0.503	2.917	56.5
8/4/18 3:00	1236	12.93	20.71	1.992667	0.333	319.1	29.93
8/4/18 4:00	1237	12.91	19.79	2.090667	0.42	337.1	39.42
8/4/18 5:00	1238	12.89	18.99	1.927333	0.336	335.7	27.61
8/4/18 6:00	1239	12.86	18.53	1.568	0.347	345.4	20.69
8/4/18 7:00	1240	12.9	19.85	2.646	0.875	292.4	21.8
8/4/18 8:00	1241	13.13	23.92	2.744	1.401	265.8	13.3
8/4/18 9:00	1242	13.48	28.41	3.789333	1.166	177.8	66.09
8/4/18 10:00	1243	13.47	31.54	3.756666	1.742	141.2	23.19

8/4/18 11:00	1244	13.41	33.86	4.148666	1.925	119.2	26.63
8/4/18 12:00	1245	13.41	35.17	6.010666	1.893	142.3	46.88
8/4/18 13:00	1246	13.35	34.84	9.277333	3.055	118.7	25.1
8/4/18 14:00	1247	13.36	36.1	6.990667	2.143	152.9	64.73
8/4/18 15:00	1248	13.31	37.14	7.415333	3.579	216.9	30.41
8/4/18 16:00	1249	13.32	37.98	7.970667	4.284	242.3	21.38
8/4/18 17:00	1250	13.3	37.69	8.656667	3.869	244.7	20.11
8/4/18 18:00	1251	10.15	37	7.480667	4.216	241.4	15.88
8/4/18 19:00	1252	13.25	34.99	6.827333	3.819	242.9	12.21
8/4/18 20:00	1253	13.14	31.16	5.292	1.582	291.1	37.16
8/4/18 21:00	1254	13.08	28.07	2.188667	0.881	358	15.18
8/4/18 22:00	1255	13.05	27.01	2.613333	1.345	349.8	11.51
8/4/18 23:00	1256	13.02	26.39	2.744	1.425	350.2	13.61
8/5/18 0:00	1257	13	25.81	2.711333	1.456	342.9	16.5
8/5/18 1:00	1258	12.97	23.91	1.731333	0.497	24.51	47.85
8/5/18 2:00	1259	12.93	23.04	2.156	1.253	68.09	13.9
8/5/18 3:00	1260	12.92	22.49	2.482667	1.342	60.9	17.42
8/5/18 4:00	1261	12.9	20.95	2.221333	0.666	59	17.77
8/5/18 5:00	1262	12.86	20.32	1.992667	0.531	55.35	23.16
8/5/18 6:00	1263	12.86	19.34	2.417333	0.646	44.39	42.96
8/5/18 7:00	1264	12.76	20.79	1.176	0.219	52.68	40.22
8/5/18 8:00	1265	12.47	25.38	1.535333	0.414	192.9	55.24
8/5/18 9:00	1266	13.48	28.8	4.736666	2.206	122.2	22.03
8/5/18 10:00	1267	13.45	31.24	5.586	3.067	114.6	19.24
8/5/18 11:00	1268	13.4	34.26	9.995999	2.957	186.5	45.65
8/5/18 12:00	1269	13.38	35.52	8.33	4.565	222.3	21.39
8/5/18 13:00	1270	13.37	36.31	8.754666	4.331	212.1	23.85
8/5/18 14:00	1271	13.34	37.22	8.264667	3.67	206.6	32.26
8/5/18 15:00	1272	13.33	37.96	8.754666	3.987	227	25.77
8/5/18 16:00	1273	13.3	38.32	9.375333	4.201	241	21.24
8/5/18 17:00	1274	4.582	37.97	8.526	4.526	248.7	19.28
8/5/18 18:00	1275	13.3	36.9	7.644	4.254	244	13.84
8/5/18 19:00	1276	13.25	34.87	6.043334	3.436	246.2	12.62
8/5/18 20:00	1277	13.13	30.42	4.018	1.47	289.4	45.03
8/5/18 21:00	1278	13.06	26.54	1.568	0.289	14.25	22.93
8/5/18 22:00	1279	13.02	24.76	2.646	0.8	1.423	19.64
8/5/18 23:00	1280	13.01	24.06	2.352	1.009	347.4	20.34
8/6/18 0:00	1281	12.98	23.86	2.972667	1.594	340.4	11.21
8/6/18 1:00	1282	12.95	21.08	2.254	0.977	299.4	29.86
8/6/18 2:00	1283	12.92	19.7	3.560667	1.991	315.1	16.37
8/6/18 3:00	1284	12.9	18.97	1.829333	0.436	341.6	34.58
8/6/18 4:00	1285	12.85	17.72	2.254	0.954	318	37.12
8/6/18 5:00	1286	12.83	16.54	2.809333	0.924	297.6	21.28
8/6/18 6:00	1287	12.82	15.38	3.103333	1.53	304	21.78
8/6/18 7:00	1288	12.85	16.94	3.266666	1.704	307.1	18.98
8/6/18 8:00	1289	13.13	20.77	3.266666	1.854	277.3	12.58
8/6/18 9:00	1290	13.56	25.49	3.462667	1.925	278	21.79
8/6/18 10:00	1291	13.46	30.41	2.45	0.831	257.5	55.64

8/6/18 11:00	1292	13.4	34.81	2.711333	0.862	266.2	68.2
8/6/18 12:00	1293	13.33	36.47	4.475333	1.809	179.3	78.68
8/6/18 13:00	1294	13.37	37.54	4.9	1.869	224.2	53.39
8/6/18 14:00	1295	13.33	38.78	8.885333	2.548	292.7	48.27
8/6/18 15:00	1296	13.29	39.46	7.644	3.298	288	26.31
8/6/18 16:00	1297	13.29	40.37	5.520667	2.399	261.7	46.71
8/6/18 17:00	1298	13.26	40.36	5.782	2.206	261.6	45.19
8/6/18 18:00	1299	13.29	39.21	5.684	2.046	264	30.96
8/6/18 19:00	1300	13.22	37.16	4.312	1.794	300.6	31.42
8/6/18 20:00	1301	13.13	32.95	3.822	2.142	345.6	18.57
8/6/18 21:00	1302	13.07	29.12	3.299333	1.497	324.7	32.11
8/6/18 22:00	1303	13.03	26.39	2.254	1.302	333.5	10.28
8/6/18 23:00	1304	13.01	25.59	3.299333	1.747	327.4	16.36
8/7/18 0:00	1305	12.96	24.3	2.744	1.26	323.9	18.5
8/7/18 1:00	1306	12.94	22.61	2.94	1.21	294.5	38.36
8/7/18 2:00	1307	12.9	21.73	2.090667	0.919	334.9	21.53
8/7/18 3:00	1308	12.86	19.85	2.842	1.21	290.8	18.99
8/7/18 4:00	1309	12.85	18.6	2.94	0.961	313.8	25.13
8/7/18 5:00	1310	12.82	17.46	3.299333	1.16	303.8	25.63
8/7/18 6:00	1311	12.82	17.44	4.214	1.419	333.1	18.17
8/7/18 7:00	1312	12.86	18.5	2.384667	0.786	294.8	37.34
8/7/18 8:00	1313	13.14	23.62	2.482667	0.93	287	77.19
8/7/18 9:00	1314	13.47	27.58	3.854666	1.769	274.3	33.43
8/7/18 10:00	1315	13.45	31.92	3.038	1.188	147	40.19
8/7/18 11:00	1316	13.41	35.33	3.201333	1.298	240.5	45.29
8/7/18 12:00	1317	13.35	37.48	4.508	1.66	275.5	57.33
8/7/18 13:00	1318	13.33	38.81	4.214	1.909	292.2	57.05
8/7/18 14:00	1319	13.31	39.75	6.206666	2.143	293.4	59.59
8/7/18 15:00	1320	13.3	40.48	5.749333	1.915	301.3	63.07
8/7/18 16:00	1321	13.28	39.83	5.912666	2.32	290.4	54.6
8/7/18 17:00	1322	13.29	40.57	5.651333	1.753	275.1	62.35
8/7/18 18:00	1323	13.3	39.5	7.219333	2.201	167.2	53.9
8/7/18 19:00	1324	13.22	37.24	7.970667	3.59	248	26.8
8/7/18 20:00	1325	13.13	33.21	4.802	1.842	297.6	24.75
8/7/18 21:00	1326	13.05	30.35	2.45	1.217	344.1	12.94
8/7/18 22:00	1327	13.03	28.69	4.442667	1.468	330.1	20.88
8/7/18 23:00	1328	13.02	28.35	4.834666	1.995	332.9	17.57
8/8/18 0:00	1329	12.98	27.56	4.083333	1.955	331.9	21.09
8/8/18 1:00	1330	12.94	26.8	4.834666	1.774	352.3	41.3
8/8/18 2:00	1331	12.94	25.05	5.749333	2.261	96.6	18.69
8/8/18 3:00	1332	12.9	24.53	4.802	2.502	97.4	20.53
8/8/18 4:00	1333	12.86	23.4	5.586	3.001	106.2	13.81
8/8/18 5:00	1334	12.86	22.37	4.279333	2.299	95.5	13.61
8/8/18 6:00	1335	12.85	21.13	1.600667	0.471	65.15	15.99
8/8/18 7:00	1336	12.87	21.79	1.47	0.383	55.56	51.23
8/8/18 8:00	1337	13.17	25.42	2.221333	0.971	155.9	30.18
8/8/18 9:00	1338	13.52	27.65	4.965333	2.085	119.7	31.08
8/8/18 10:00	1339	13.45	30.47	4.083333	1.364	99.3	91.5

8/8/18 11:00	1340	13.44	32.82	6.043334	2.553	284.3	38.33
8/8/18 12:00	1341	13.38	34.09	6.533333	3.228	280	22.82
8/8/18 13:00	1342	13.37	35.75	6.794667	2.92	304.6	35.13
8/8/18 14:00	1343	13.37	37.32	6.239333	2.694	314.6	31.21
8/8/18 15:00	1344	13.3	38.71	6.86	2.746	294.1	38.38
8/8/18 16:00	1345	13.3	40.02	6.762	2.932	278.7	24.3
8/8/18 17:00	1346	13.29	38.34	9.999332	3.083	4.606	49.09
8/8/18 18:00	1347	13.3	36.72	8.264667	2.373	37.62	54.97
8/8/18 19:00	1348	13.13	29.82	9.212	5.053	109.3	14.64
8/8/18 20:00	1349	13.07	27.23	4.377333	2.315	110.8	20.52
8/8/18 21:00	1350	13.03	25.91	3.495333	1.215	146.2	59.9
8/8/18 22:00	1351	13.01	24.59	1.633333	0.542	17.41	70.88
8/8/18 23:00	1352	12.98	23.46	1.372	0.272	29.09	29.53
8/9/18 0:00	1353	12.95	23.14	2.286667	0.797	55.95	11.34
8/9/18 1:00	1354	12.94	22.39	2.221333	1.191	77.04	18.12
8/9/18 2:00	1355	12.89	22.42	4.312	2.109	93.8	12.26
8/9/18 3:00	1356	12.89	21.09	3.038	1.224	104.9	15.62
8/9/18 4:00	1357	12.85	19.59	1.110667	0.329	1.493	34.46
8/9/18 5:00	1358	12.82	18.98	1.600667	0.547	308.3	54.85
8/9/18 6:00	1359	12.82	18.66	5.749333	1.25	309	94.7
8/9/18 7:00	1360	12.82	20.71	6.402667	2.939	94.6	11.94
8/9/18 8:00	1361	13.2	24.13	5.39	2.621	115.3	16.58
8/9/18 9:00	1362	13.56	26.41	6.108666	3.06	119.2	17.41
8/9/18 10:00	1363	13.47	28.89	5.455333	2.844	119.8	21.64
8/9/18 11:00	1364	13.45	31.63	7.121333	2.242	110.5	32.14
8/9/18 12:00	1365	13.42	34.12	4.540667	1.277	185.5	93.8
8/9/18 13:00	1366	13.37	35.47	4.834666	1.667	300.7	41.52
8/9/18 14:00	1367	13.37	36.54	5.88	2.354	258.1	41.3
8/9/18 15:00	1368	13.33	37.85	5.847333	2.064	250	57.37
8/9/18 16:00	1369	13.33	37.43	7.513333	3.619	254	25.79
8/9/18 17:00	1370	13.13	25.58	14.7	4.544	316	75.59
8/9/18 18:00	1371	13.11	22.44	11.04133	3.127	151.4	85.4
8/9/18 19:00	1372	13.03	21.51	8.166667	1.941	60.96	86
8/9/18 20:00	1373	13.01	21.36	5.259333	1.269	58.74	81
8/9/18 21:00	1374	12.97	22.08	7.546	2.366	342.1	30.5
8/9/18 22:00	1375	12.94	21.81	5.194	2.058	295.3	18.8
8/9/18 23:00	1376	12.93	20.59	2.94	1.369	305.5	22.53
8/10/18 0:00	1377	12.9	19.92	3.299333	1.215	355.4	30.64
8/10/18 1:00	1378	12.85	19.09	4.671333	1.786	86.9	28.46
8/10/18 2:00	1379	12.83	19.8	4.279333	2.224	79.22	14.13
8/10/18 3:00	1380	12.82	18.81	2.678667	0.92	65.14	67.26
8/10/18 4:00	1381	12.82	18.16	2.384667	0.929	336.1	47.58
8/10/18 5:00	1382	12.81	17.33	1.372	0.31	307.2	66.57
8/10/18 6:00	1383	12.8	16.61	0.882	0.146	31.85	34.12
8/10/18 7:00	1384	12.81	16.98	2.384667	0.601	299.3	23.07
8/10/18 8:00	1385	13.26	19.78	1.894667	0.968	269.1	16.96
8/10/18 9:00	1386	13.56	23.77	2.025333	0.726	248.1	31.1
8/10/18 10:00	1387	13.56	26.96	2.711333	1.089	246.9	28.52

8/10/18 11:00	1388	13.47	29.87	3.822	1.471	282.6	36.31
8/10/18 12:00	1389	13.45	31.61	5.096	2.174	284.3	34.83
8/10/18 13:00	1390	13.43	33.04	5.422667	1.876	277.2	41.01
8/10/18 14:00	1391	13.34	34.52	4.932666	2.148	267.2	38.16
8/10/18 15:00	1392	13.33	35.85	4.834666	1.786	271.5	41.33
8/10/18 16:00	1393	13.37	36.99	5.814666	2.198	265.4	43.39
8/10/18 17:00	1394	13.33	36.62	7.11896	3.172	267.8	27.76
8/10/18 18:00	1395	13.33	35.25	7.35	3.906	269.9	17
8/10/18 19:00	1396	13.18	30.2	9.898	3.966	190.2	91.8
8/10/18 20:00	1397	13.12	25.33	9.309999	2.931	121.8	63.62
8/10/18 21:00	1398	13.05	23.08	13.75267	3.793	326.8	37.96
8/10/18 22:00	1399	13.02	25.13	11.72733	4.139	307.7	29.34
8/10/18 23:00	1400	13.01	25.04	4.344666	1.587	5.406	31.48
8/11/18 0:00	1401	12.98	24.1	4.181334	1.89	85.6	18.69
8/11/18 1:00	1402	12.98	22.89	4.344666	1.221	84.8	20.01
8/11/18 2:00	1403	12.94	21.11	4.116	1.454	67.18	66.77
8/11/18 3:00	1404	12.93	21.49	4.312	2.192	96.9	13.8
8/11/18 4:00	1405	12.89	21.57	5.749333	3.253	104.3	11.25
8/11/18 5:00	1406	12.88	20.48	5.912666	3.268	100	12.83
8/11/18 6:00	1407	12.86	19.77	7.546	3.551	100.8	12.6
8/11/18 7:00	1408	12.86	20.28	6.043334	2.399	83.6	35.5
8/11/18 8:00	1409	13.21	23.39	4.638667	1.739	329.9	20.11
8/11/18 9:00	1410	13.56	26.35	5.814666	3.08	335	21.71
8/11/18 10:00	1411	13.46	27.36	5.194	2.957	337.7	20.82
8/11/18 11:00	1412	13.45	29.67	5.782	2.722	303.2	32.17
8/11/18 12:00	1413	13.45	31.31	4.508	2.108	294.1	28.31
8/11/18 13:00	1414	13.41	33.46	4.312	1.507	274.6	71.85
8/11/18 14:00	1415	13.34	34.78	5.357333	2.06	144.6	55.74
8/11/18 15:00	1416	13.37	35.39	4.508	1.858	156.5	36.48
8/11/18 16:00	1417	13.37	33.92	3.070667	1.346	172	38.1
8/11/18 17:00	1418	13.38	32.25	2.025333	0.839	104.3	93.4
8/11/18 18:00	1419	13.41	31.74	6.533333	1.308	328.4	24.88
8/11/18 19:00	1420	13.17	29.22	5.292	1.984	332.8	22.6
8/11/18 20:00	1421	13.13	27.4	7.546	2.352	311.7	32.59
8/11/18 21:00	1422	13.07	26.57	9.440666	4.405	345.7	22.03
8/11/18 22:00	1423	13.05	25.14	5.814666	2.656	318.5	25.03
8/11/18 23:00	1424	13.02	23	3.691333	1.298	318.1	38.34
8/12/18 0:00	1425	13.01	22.85	4.083333	2.183	349.1	15.99
8/12/18 1:00	1426	12.98	21.27	3.201333	1.477	311.1	37.54
8/12/18 2:00	1427	12.94	19.42	2.972667	0.971	295.2	36.56
8/12/18 3:00	1428	12.94	18.77	3.266666	1.311	292.6	21.2
8/12/18 4:00	1429	12.89	18.05	2.711333	1.195	311.4	32.33
8/12/18 5:00	1430	12.86	17.37	1.992667	0.394	348	25.52
8/12/18 6:00	1431	12.85	16.88	2.646	0.831	295.6	40.95
8/12/18 7:00	1432	12.86	17.73	2.580667	1.203	300.1	24.96
8/12/18 8:00	1433	13.18	21.5	2.058	1.123	274.9	25.15
8/12/18 9:00	1434	13.5	25.63	2.352	0.743	200.9	50.6
8/12/18 10:00	1435	13.52	28.66	2.678667	0.966	166.3	54.14

8/12/18 11:00	1436	13.42	31.29	3.332	1.094	177	71.35
8/12/18 12:00	1437	12.4	33.47	4.573333	1.391	287.3	74.12
8/12/18 13:00	1438	13.38	34.68	6.468	2.672	291.7	35.16
8/12/18 14:00	1439	13.33	36.18	6.435333	2.691	295.5	31.01
8/12/18 15:00	1440	13.33	36.95	7.513333	2.863	285.5	31.2
8/12/18 16:00	1441	13.33	36.42	7.219333	3.687	298.6	24.97
8/12/18 17:00	1442	13.33	31.06	9.865333	4.202	152.4	83.3
8/12/18 18:00	1443	13.19	26.33	15.876	2.824	123.2	73.61
8/12/18 19:00	1444	13.13	22.46	10.094	3.832	299.6	44.68
8/12/18 20:00	1445	13.05	23.05	9.995999	4.186	301.7	19.07
8/12/18 21:00	1446	13.02	23.39	11.49867	4.437	292.1	23.64
8/12/18 22:00	1447	13.01	23.56	6.631333	2.971	331	21.18
8/12/18 23:00	1448	12.97	22.73	4.41	1.813	34.33	82.9
8/13/18 0:00	1449	12.94	20.58	3.364666	1.01	77.14	27.93
8/13/18 1:00	1450	12.93	20.26	3.985333	1.806	74.68	15.5
8/13/18 2:00	1451	12.9	20.62	3.854666	1.849	79.22	20.6
8/13/18 3:00	1452	12.86	20.73	2.45	1.076	71.78	36.83
8/13/18 4:00	1453	12.86	20.55	2.090667	0.461	11.61	59.53
8/13/18 5:00	1454	12.83	19.14	1.698667	0.684	275.1	26
8/13/18 6:00	1455	12.82	18.4	3.299333	1.536	301.6	25.23
8/13/18 7:00	1456	12.84	19.75	2.67956	0.807	276.4	20.05
8/13/18 8:00	1457	13.56	23.95	3.691333	1.148	146.5	49.71
8/13/18 9:00	1458	13.55	26.85	3.593333	1.187	253.1	44.77
8/13/18 10:00	1459	13.51	29.14	3.528	1.714	275.4	28.65
8/13/18 11:00	1460	13.45	31.3	5.194	2.188	277.4	31.36
8/13/18 12:00	1461	13.42	32.62	5.716666	2.856	287.8	28.14
8/13/18 13:00	1462	13.4	33.87	6.664	3.191	286.4	29.51
8/13/18 14:00	1463	13.37	35.26	7.807333	3.286	283.5	28.64
8/13/18 15:00	1464	13.37	34.24	8.885333	3.247	278.8	34.9
8/13/18 16:00	1465	13.36	29.81	7.317333	4.199	236.9	27.36
8/13/18 17:00	1466	13.4	28.6	7.513333	3.181	287.5	34.82
8/13/18 18:00	1467	12.52	26.86	4.181334	1.716	296.7	23.05
8/13/18 19:00	1468	8.53	26.11	2.809333	0.744	3.872	61.53
8/13/18 20:00	1469	13.06	25.08	1.535333	0.615	99.3	18.81
8/13/18 21:00	1470	13.05	23.71	3.55948	0.651	2.367	23.15
8/13/18 22:00	1471	13.01	23.51	4.050666	1.744	307.1	38.18
8/13/18 23:00	1472	13.01	22.91	4.377333	1.761	328.1	35
8/14/18 0:00	1473	12.97	21.87	2.711333	1.071	303.4	48.55
8/14/18 1:00	1474	12.96	21.1	1.829333	0.833	331.2	22.78
8/14/18 2:00	1475	12.93	20.81	2.221333	0.713	340.8	30.38
8/14/18 3:00	1476	12.93	20.28	1.633333	0.294	73.59	46.26
8/14/18 4:00	1477	12.89	18.76	1.731333	0.468	62	42.05
8/14/18 5:00	1478	12.85	17.67	1.47	0.284	333.9	29.88
8/14/18 6:00	1479	12.82	16.86	1.045333	0.113	106.2	41.3
8/14/18 7:00	1480	12.82	17.53	1.241333	0.101	309.4	29.97
8/14/18 8:00	1481	13.23	21.36	1.600667	0.557	259.7	18.05
8/14/18 9:00	1482	13.55	25.8	2.809333	1.083	156.6	46.43
8/14/18 10:00	1483	13.49	29.55	3.136	1.035	211.4	41.06

8/14/18 11:00	1484	13.45	32.4	3.528	1.36	240.7	52.17
8/14/18 12:00	1485	13.41	34.47	5.520667	1.858	285.7	52.33
8/14/18 13:00	1486	13.37	34.08	4.344666	1.665	288.7	39.62
8/14/18 14:00	1487	13.25	31.52	5.749333	2.22	226.8	32.69
8/14/18 15:00	1488	13.25	29.81	8.297333	2.765	213.7	27.74
8/14/18 16:00	1489	13.19	29.2	7.382667	1.776	350.5	65.68
8/14/18 17:00	1490	13.14	26.67	7.513333	2.452	286.2	55.12
8/14/18 18:00	1491	13.17	26.04	7.807333	1.748	332.5	54.01
8/14/18 19:00	1492	13.28	27.39	9.244667	2.693	39.34	36.62
8/14/18 20:00	1493	13.13	25.72	10.02867	2.411	65.39	64.05
8/14/18 21:00	1494	13.05	24.67	6.272	2.828	118	38.18
8/14/18 22:00	1495	13.02	22.87	7.154	3.687	107.6	13.11
8/14/18 23:00	1496	13.01	21.54	3.92	0.953	84.6	57.57
8/15/18 0:00	1497	12.97	21.41	4.540667	1.655	73.29	22.45
8/15/18 1:00	1498	12.94	21.6	4.148666	2.368	96.5	12.25
8/15/18 2:00	1499	12.94	20.86	3.43	1.186	105	23.79
8/15/18 3:00	1500	12.9	19.93	2.319333	0.795	347.4	44.23
8/15/18 4:00	1501	12.87	19.62	2.123333	0.869	305.2	41.19
8/15/18 5:00	1502	12.85	18.5	3.658666	1.134	312.9	20.13
8/15/18 6:00	1503	12.82	17.68	3.201333	1.313	279.7	36.36
8/15/18 7:00	1504	12.82	18.36	2.058	0.472	48.41	30.74
8/15/18 8:00	1505	13.13	20.61	2.319333	0.828	258.7	79.18
8/15/18 9:00	1506	13.43	23.95	2.809333	1.294	264.8	21.21
8/15/18 10:00	1507	13.52	28.4	4.638667	2.092	251.6	26.72
8/15/18 11:00	1508	13.48	30.41	5.161334	2.209	259.4	43.32
8/15/18 12:00	1509	13.45	31.14	4.606	2.157	281.3	29.77
8/15/18 13:00	1510	13.44	33.12	6.468	2.39	274	39.76
8/15/18 14:00	1511	13.4	34.36	6.272	1.982	260.6	64.82
8/15/18 15:00	1512	13.34	35.99	5.553333	1.974	187.7	71.25
8/15/18 16:00	1513	13.37	34.11	5.749333	1.394	352.5	43.02
8/15/18 17:00	1514	13.25	29.43	9.244667	2.419	7.926	53.13
8/15/18 18:00	1515	13.18	25.27	5.912666	1.368	321.5	62.11
8/15/18 19:00	1516	13.13	24.69	3.626	1.214	1.025	58.58
8/15/18 20:00	1517	13.05	23.13	5.39	2.064	308.3	24.56
8/15/18 21:00	1518	13.02	21.85	4.279333	1.534	303.8	27.75
8/15/18 22:00	1519	13.01	21.95	3.528	1.172	282.1	65
8/15/18 23:00	1520	12.98	21.82	4.377333	1.082	336	38.29
8/16/18 0:00	1521	12.94	21.48	4.998	2.27	305.8	18.14
8/16/18 1:00	1522	12.93	21.23	3.364666	1.409	277.8	36.62
8/16/18 2:00	1523	12.9	20.77	2.94	0.962	95.2	27.67
8/16/18 3:00	1524	12.86	19.89	1.862	0.171	40.89	14.24
8/16/18 4:00	1525	12.84	19.04	1.47	0.541	314.2	32.68
8/16/18 5:00	1526	12.82	18.57	1.992667	0.355	319.4	40.49
8/16/18 6:00	1527	12.82	18.62	1.796667	0.676	315.6	56.68
8/16/18 7:00	1528	12.82	19.63	1.862	0.554	287.9	28.26
8/16/18 8:00	1529	13.29	21.07	1.633333	0.62	269.5	24.03
8/16/18 9:00	1530	13.54	23.58	2.286667	0.392	119.8	51.78
8/16/18 10:00	1531	13.52	25.27	2.711333	0.765	247.9	35.09



8/16/18 11:00	1532	13.49	27.64	2.417333	0.966	160.3	43.82
8/16/18 12:00	1533	13.48	30.36	4.279333	1.35	279.2	56.64
8/16/18 13:00	1534	13.43	31.32	6.076	2.31	270.7	39.73
8/16/18 14:00	1535	13.44	31.65	5.259333	2.157	234.6	59.78
8/16/18 15:00	1536	13.39	31.45	8.101333	2.792	171.5	25.51
8/16/18 16:00	1537	13.45	30.2	4.638667	2.018	175.4	36.3
8/16/18 17:00	1538	13.41	32.81	5.945333	1.839	183.4	36.73
8/16/18 18:00	1539	13.41	32.49	4.965333	2.19	218.5	39.65
8/16/18 19:00	1540	13.25	30.49	4.181334	2.104	222.2	20.75
8/16/18 20:00	1541	13.13	27.12	2.711333	0.729	303.1	51.18
8/16/18 21:00	1542	13.12	25.29	2.515333	0.811	349.2	63.55
8/16/18 22:00	1543	13.06	24.06	1.535845	0.783	339.9	12.72
8/16/18 23:00	1544	13.03	23.31	1.633333	0.911	337.9	11.85
8/17/18 0:00	1545	13.02	22.66	1.895298	0.757	335.5	12.41
8/17/18 1:00	1546	12.99	22.92	3.299333	1.195	317.1	32.92
8/17/18 2:00	1547	12.98	22.22	2.678667	0.9	306	26.61
8/17/18 3:00	1548	12.93	21.86	1.731333	0.63	342.2	9.18
8/17/18 4:00	1549	12.93	21.53	1.176	0.208	350	17.93
8/17/18 5:00	1550	12.92	20.67	0.718667	0.109	12.46	45.66
8/17/18 6:00	1551	12.89	19.75	1.110667	0.342	326.6	31
8/17/18 7:00	1552	12.89	19.38	1.992667	0.494	314.8	20.78
8/17/18 8:00	1553	13.02	21.1	2.156	1.116	299.7	19.37
8/17/18 9:00	1554	13.56	26.27	3.985333	1.712	264.7	22.79
8/17/18 10:00	1555	13.47	29.46	4.834666	2.095	280.8	27.56
8/17/18 11:00	1556	13.45	32.41	4.573333	1.859	266.6	37.47
8/17/18 12:00	1557	13.36	34.46	5.128666	1.894	209.4	45.8
8/17/18 13:00	1558	13.37	35.9	5.520667	2.191	182.5	39.32
8/17/18 14:00	1559	13.27	29.47	19.53467	4.421	214.6	76.01
8/17/18 15:00	1560	13.33	22.72	7.872667	2.285	40.18	57.09
8/17/18 16:00	1561	13.52	27.44	3.299333	0.719	16.66	60.8
8/17/18 17:00	1562	13.44	32.02	3.038	0.97	299.5	49.97
8/17/18 18:00	1563	13.44	29.92	4.475333	2.193	296.2	18.51
8/17/18 19:00	1564	13.21	28.28	3.887333	1.874	308.1	22.29
8/17/18 20:00	1565	13.13	26.12	2.776667	1.133	295.7	16.15
8/17/18 21:00	1566	13.11	24.3	1.535333	0.833	329.2	17.51
8/17/18 22:00	1567	13.05	22.76	1.633333	0.403	54.63	20.3
8/17/18 23:00	1568	13.02	22.15	2.515333	0.583	359.3	16.34
8/18/18 0:00	1569	13.01	21.27	2.090667	0.623	58	33.53
8/18/18 1:00	1570	12.97	20.16	1.241333	0.21	53.49	8.67
8/18/18 2:00	1571	12.94	19.63	1.633333	0.307	52.63	5.747
8/18/18 3:00	1572	12.93	19.03	1.796667	0.114	15.07	29.84
8/18/18 4:00	1573	12.9	18.7	1.47	0.425	324.6	24.12
8/18/18 5:00	1574	12.86	18.33	1.600667	0.428	320.4	36.44
8/18/18 6:00	1575	12.86	18.02	1.176	0.284	319.9	27.55
8/18/18 7:00	1576	12.86	18.63	3.136	1.007	291.9	13.14
8/18/18 8:00	1577	13.14	22.11	2.711333	1.434	288.9	25.53
8/18/18 9:00	1578	13.56	26.18	2.45	1.221	246.2	24.32
8/18/18 10:00	1579	12.77	29.21	4.083333	1.648	251.4	31.08

8/18/18 11:00	1580	12.44	31.46	4.508	2.252	285.3	31.89
8/18/18 12:00	1581	13.45	32.92	4.573333	2.004	289.2	44.41
8/18/18 13:00	1582	13.41	33.61	6.500667	2.804	288.6	33.81
8/18/18 14:00	1583	13.38	34.43	7.480667	3.359	266.8	26.43
8/18/18 15:00	1584	13.37	35.31	6.272	3.089	286.8	25.33
8/18/18 16:00	1585	13.34	36.28	6.631333	3.289	299.9	29.7
8/18/18 17:00	1586	13.37	36.51	7.219333	3.159	338	41.35
8/18/18 18:00	1587	13.33	33.61	9.375333	2.656	347.5	30.2
8/18/18 19:00	1588	13.24	32.99	4.279333	2.021	331.9	22.32
8/18/18 20:00	1589	13.13	30.11	8.885333	2.062	348.6	79.22
8/18/18 21:00	1590	13.06	25.32	7.938	4.678	99.4	13.97
8/18/18 22:00	1591	13.04	24	6.500667	3.002	91	21.41
8/18/18 23:00	1592	13.01	23.42	2.352	0.511	53.81	44.17
8/19/18 0:00	1593	12.98	21.63	1.764	0.448	45.45	53.06
8/19/18 1:00	1594	12.93	20.48	1.143333	0.261	356.1	27.88
8/19/18 2:00	1595	12.94	19.54	1.568	0.49	326	23.29
8/19/18 3:00	1596	12.91	19	1.992667	0.797	319.3	40.4
8/19/18 4:00	1597	12.87	18.67	2.188667	1.085	308.8	49.91
8/19/18 5:00	1598	12.85	18.04	2.123333	0.707	336.7	37.56
8/19/18 6:00	1599	12.83	17.31	1.176	0.273	324.9	45
8/19/18 7:00	1600	12.83	18.43	1.568	0.147	348.9	39.02
8/19/18 8:00	1601	12.98	22.48	2.025333	1.009	265.8	20.83
8/19/18 9:00	1602	13.5	26.89	2.123333	0.941	244.5	25.39
8/19/18 10:00	1603	13.47	30.66	2.417333	0.741	217.8	37.37
8/19/18 11:00	1604	13.42	33.54	3.397333	1.201	195.6	45.76
8/19/18 12:00	1605	13.37	35.66	2.94	1.213	182.7	52.31
8/19/18 13:00	1606	13.37	36.73	5.782	1.926	282.5	46.56
8/19/18 14:00	1607	13.33	37.66	5.716666	2.04	324.9	53.37
8/19/18 15:00	1608	13.33	38.7	6.272	2.355	266.4	52.36
8/19/18 16:00	1609	13.3	39.52	6.762	2.432	295.8	35.72
8/19/18 17:00	1610	13.29	37.68	9.734667	5.13	235.7	17.17
8/19/18 18:00	1611	13.33	36.14	8.689333	5.437	241.9	12.61
8/19/18 19:00	1612	13.17	34.04	7.513333	4.36	259.5	11.22
8/19/18 20:00	1613	13.14	30.52	4.540667	1.78	306	23.49
8/19/18 21:00	1614	13.06	28.79	4.344666	2.098	331.6	16.86
8/19/18 22:00	1615	13.03	27.87	3.985333	1.947	318.7	16.45
8/19/18 23:00	1616	13.02	26.79	3.626	1.417	332.2	24.97
8/20/18 0:00	1617	12.98	24.97	2.907333	1.327	77.76	17.2
8/20/18 1:00	1618	12.93	23.62	2.025333	1.078	62.58	10.71
8/20/18 2:00	1619	12.93	22.21	1.600667	0.491	56.1	6.911
8/20/18 3:00	1620	12.89	21.13	1.47	0.165	46.89	27.69
8/20/18 4:00	1621	12.86	19.85	1.862	0.202	339.4	34.11
8/20/18 5:00	1622	12.84	19.17	1.568	0.474	318	27.18
8/20/18 6:00	1623	12.82	18.76	2.286667	0.729	316	38.04
8/20/18 7:00	1624	12.82	20.09	2.025333	0.838	296.6	24.32
8/20/18 8:00	1625	13.22	23.47	3.299333	1.604	271.2	16.93
8/20/18 9:00	1626	13.53	27.81	3.854666	1.283	129	44.61
8/20/18 10:00	1627	13.46	30.78	3.756666	2.063	136.2	20.92

8/20/18 11:00	1628	13.26	33.27	4.540667	1.892	121	25.19
8/20/18 12:00	1629	13.4	34.39	5.39	2.396	119.4	33.58
8/20/18 13:00	1630	9.68	34.78	7.056	3.04	147.1	35.9
8/20/18 14:00	1631	13.37	35.54	8.656667	4.12	234.1	24.14
8/20/18 15:00	1632	13.37	36.08	8.656667	4.735	244.1	16.89
8/20/18 16:00	1633	13.37	36.33	7.84	4.188	213.1	31.53
8/20/18 17:00	1634	13.37	34.92	7.415333	3.397	198.8	48.3
8/20/18 18:00	1635	13.37	33.37	7.970667	4.153	201.7	17.64
8/20/18 19:00	1636	13.2	32.06	6.402667	3.103	214.8	14.3
8/20/18 20:00	1637	13.13	28.85	2.156	0.773	147.2	46.99
8/20/18 21:00	1638	13.06	27.43	2.286667	1.258	89.5	22.44
8/20/18 22:00	1639	13.02	26.94	2.809333	1.463	90.9	15.11
8/20/18 23:00	1640	13.02	25.93	2.972667	1.257	96.9	25.06
8/21/18 0:00	1641	12.99	24.5	3.038	1.373	87.4	23.18
8/21/18 1:00	1642	12.97	23.3	2.090667	1.299	67.56	11.23
8/21/18 2:00	1643	12.93	23.62	3.364666	1.772	93.4	16.9
8/21/18 3:00	1644	12.93	23.44	3.854666	1.744	101.3	25.8
8/21/18 4:00	1645	12.9	22.33	2.352	0.594	47.45	53.01
8/21/18 5:00	1646	12.86	21.71	2.842	1.223	91.1	24.85
8/21/18 6:00	1647	12.85	21.87	3.136	1.73	92.6	12.82
8/21/18 7:00	1648	12.85	21.98	3.92	2.191	99.8	11.83
8/21/18 8:00	1649	13.06	23.49	5.455333	2.891	112.8	12.11
8/21/18 9:00	1650	12.95	25.39	5.618666	3.079	112.4	15.82
8/21/18 10:00	1651	13.52	27.07	8.33	4.46	127.7	16.98
8/21/18 11:00	1652	13.46	28.12	10.84533	6.107	124.8	20.04
8/21/18 12:00	1653	8.65	29.02	8.101333	4.591	144.3	19.02
8/21/18 13:00	1654	13.46	29.98	8.82	4.727	132.9	19.02
8/21/18 14:00	1655	13.45	30.16	8.166667	4.359	121.1	20.05
8/21/18 15:00	1656	13.45	29.03	7.448	3.434	137.5	18.61
8/21/18 16:00	1657	13.45	29.58	6.566	2.708	116.9	43.26
8/21/18 17:00	1658	13.4	33.18	8.003333	4.047	207.3	19.49
8/21/18 18:00	1659	13.36	32.09	7.317333	3.823	218.1	17.78
8/21/18 19:00	1660	13.19	28.87	5.455333	2.222	191.5	20.57
8/21/18 20:00	1661	13.13	26.58	3.005333	1.211	96.4	20.57
8/21/18 21:00	1662	13.08	25.31	3.397333	1.524	89.2	11.9
8/21/18 22:00	1663	13.05	24.36	2.907333	1.574	86.7	13.52
8/21/18 23:00	1664	13.01	23.99	3.952667	1.986	94.7	12.88
8/22/18 0:00	1665	13.01	22.27	2.384667	1.147	93.1	18.13
8/22/18 1:00	1666	12.98	21.24	1.502667	0.505	351.5	77.55
8/22/18 2:00	1667	12.95	20.45	1.502667	0.744	304.9	17.15
8/22/18 3:00	1668	12.94	19.33	1.829333	0.407	321	43.16
8/22/18 4:00	1669	12.9	18.64	1.764	0.626	316.9	27.69
8/22/18 5:00	1670	12.87	17.93	1.241333	0.353	316.6	56.31
8/22/18 6:00	1671	12.85	18.17	3.103333	1.533	90.3	20.63
8/22/18 7:00	1672	12.85	20.08	4.671333	2.506	115	19.99
8/22/18 8:00	1673	13.14	22.4	4.932666	3.048	116.9	14.92
8/22/18 9:00	1674	13.56	24.88	4.834666	2.701	120.3	18.46
8/22/18 10:00	1675	13.53	27.12	5.488	2.429	130.2	24.46

8/22/18 11:00	1676	13.48	29.38	6.206666	3.297	118.5	22.46
8/22/18 12:00	1677	13.48	27.33	5.455333	2.365	158.8	57.82
8/22/18 13:00	1678	13.52	24.3	5.847333	1.811	320.7	78.8
8/22/18 14:00	1679	13.51	24.37	7.448	2.527	304.4	63.78
8/22/18 15:00	1680	13.56	21.82	6.990667	1.899	6.972	43.16
8/22/18 16:00	1681	13.57	23.53	6.696667	1.654	21.71	56.9
8/22/18 17:00	1682	13.22	21.91	4.998	2.389	156.1	54.6
8/22/18 18:00	1683	13.14	19.76	3.658666	1.225	22.48	82.5
8/22/18 19:00	1684	13.13	19.45	2.286667	0.812	128	72.69
8/22/18 20:00	1685	13.05	19.29	3.789333	1.581	117.8	26.82
8/22/18 21:00	1686	13.01	19.13	5.096	2.933	102.5	19
8/22/18 22:00	1687	13.01	18.91	5.422667	3.175	86.4	13.73
8/22/18 23:00	1688	12.98	18.65	4.965333	2.676	86.4	16.73
8/23/18 0:00	1689	12.97	18.51	3.038	1.63	76.35	14.32
8/23/18 1:00	1690	12.93	17.6	2.254	0.813	334.4	55.58
8/23/18 2:00	1691	12.91	16.61	1.274	0.41	39.79	23.9
8/23/18 3:00	1692	12.87	16.23	0.947333	0.134	41.65	14.44
8/23/18 4:00	1693	12.83	15.9	1.208667	0.26	345.7	24.39
8/23/18 5:00	1694	12.82	15.8	0.914667	0.26	320.5	39.83
8/23/18 6:00	1695	12.79	15.36	1.274	0.394	313.4	35.54
8/23/18 7:00	1696	12.79	15.99	1.600667	0.34	305.7	28.44
8/23/18 8:00	1697	13.14	18.6	2.221333	1.225	273.3	15.01
8/23/18 9:00	1698	13.58	22.08	1.992667	0.662	204	44.39
8/23/18 10:00	1699	13.54	25.05	4.246666	1.589	130.7	26.97
8/23/18 11:00	1700	13.56	26.52	5.324667	2.96	125.2	20.16
8/23/18 12:00	1701	13.52	26.35	5.128666	2.223	121.5	21.15
8/23/18 13:00	1702	13.53	25.09	2.842	1.094	189.9	49.1
8/23/18 14:00	1703	12.84	24.7	7.807333	3.153	325.7	21.28
8/23/18 15:00	1704	13.56	24.07	6.598667	1.351	298.8	48.51
8/23/18 16:00	1705	13.53	26.83	4.638667	2.025	287.5	33.38
8/23/18 17:00	1706	13.42	25.71	3.299333	0.874	301.2	28.21
8/23/18 18:00	1707	13.4	24.81	3.887333	0.822	61.31	56.74
8/23/18 19:00	1708	13.18	23.94	3.789333	1.275	79.85	63.53
8/23/18 20:00	1709	13.13	22.3	2.384667	0.651	82.9	45.61
8/23/18 21:00	1710	13.11	21.55	2.907333	1.131	71.98	15.94
8/23/18 22:00	1711	13.06	21.14	2.188667	0.776	41.58	46.88
8/23/18 23:00	1712	13.02	19.44	1.731333	0.615	28.51	40.58
8/24/18 0:00	1713	13.02	18.74	1.894667	0.579	90.8	30.61
8/24/18 1:00	1714	12.98	18.07	1.208667	0.485	348.3	15.32
8/24/18 2:00	1715	12.98	17.38	1.600667	0.654	310.6	42.16
8/24/18 3:00	1716	12.94	16.65	0.914667	0.102	26.26	29.56
8/24/18 4:00	1717	12.91	16.22	1.176	0.19	12.65	38.15
8/24/18 5:00	1718	12.9	15.76	0.914667	0.099	7.916	27.92
8/24/18 6:00	1719	12.85	15.52	0.849333	0.065	343.1	31.68
8/24/18 7:00	1720	12.85	16.1	1.012667	0.156	328.2	23.82
8/24/18 8:00	1721	13.14	18.81	1.829333	0.938	261.1	11.8
8/24/18 9:00	1722	13.56	22.11	4.083333	1.42	131	36.96
8/24/18 10:00	1723	13.56	24.73	4.638667	2.666	113.1	17.52

8/24/18 11:00	1724	13.53	26.97	4.573333	2.544	123.4	23.32
8/24/18 12:00	1725	13.52	29.08	3.560667	1.621	136.5	30.54
8/24/18 13:00	1726	13.46	27.25	5.422667	1.991	144.5	39.55
8/24/18 14:00	1727	13.45	30.62	3.822	1.385	156.6	64.58
8/24/18 15:00	1728	13.44	31.44	6.566	2.895	247.7	31.26
8/24/18 16:00	1729	13.41	32.35	8.722	3.706	243.5	24.93
8/24/18 17:00	1730	13.41	32.74	6.958	3.872	248.2	16.45
8/24/18 18:00	1731	13.38	31.21	5.978	3.654	254.4	12.47
8/24/18 19:00	1732	13.2	27.91	3.691333	0.841	274.8	27.42
8/24/18 20:00	1733	13.13	25.18	2.352	0.316	58.3	32.1
8/24/18 21:00	1734	13.09	24.13	1.829333	0.541	129.6	56.19
8/24/18 22:00	1735	13.06	22.49	2.254	0.685	54.63	17.7
8/24/18 23:00	1736	13.01	21.9	2.188667	0.895	64.8	15.51
8/25/18 0:00	1737	13.01	21.28	2.45	1.286	68.82	12.58
8/25/18 1:00	1738	12.97	20.47	2.156	1.35	69.89	13.73
8/25/18 2:00	1739	12.94	20.14	1.894667	1.139	60.89	11.69
8/25/18 3:00	1740	12.93	19.61	2.254	1.038	74.61	20.36
8/25/18 4:00	1741	12.89	19.06	1.731333	0.589	104.9	22.43
8/25/18 5:00	1742	12.86	18.46	1.665445	0.884	75.67	12.52
8/25/18 6:00	1743	12.85	18.51	2.221333	1.282	102.7	8.59
8/25/18 7:00	1744	12.84	18.83	2.548	1.386	103.4	12.75
8/25/18 8:00	1745	13.15	21.57	3.528	1.771	121.5	15.43
8/25/18 9:00	1746	13.56	23.96	4.181334	2.144	127.9	17.26
8/25/18 10:00	1747	13.56	26.33	4.540667	2.359	119.2	20.45
8/25/18 11:00	1748	13.52	28.86	3.658666	1.454	129.6	41.53
8/25/18 12:00	1749	13.49	30.4	4.148666	1.335	143.6	64.9
8/25/18 13:00	1750	13.42	29.94	3.952667	1.381	166.4	55.35
8/25/18 14:00	1751	13.45	31.11	4.540667	1.616	217.7	42.58
8/25/18 15:00	1752	13.44	31.62	6.566	1.921	234.1	61.19
8/25/18 16:00	1753	13.44	26.67	9.734667	4.896	130.9	20.62
8/25/18 17:00	1754	13.5	26.76	9.244667	5.532	103.2	18.52
8/25/18 18:00	1755	13.52	25.15	8.852667	4.38	135.9	21
8/25/18 19:00	1756	13.17	22.36	5.912666	3.053	114.8	16.71
8/25/18 20:00	1757	13.13	20.3	4.9	2.549	105.9	17.57
8/25/18 21:00	1758	13.05	19.27	2.515333	0.571	75.8	26.8
8/25/18 22:00	1759	13.02	18.47	1.862	0.285	40.69	48.42
8/25/18 23:00	1760	13.01	17.99	1.437333	0.679	323	23.03
8/26/18 0:00	1761	12.98	17.26	1.208667	0.307	333.1	47.67
8/26/18 1:00	1762	12.96	16.45	1.633333	0.529	57.55	18.22
8/26/18 2:00	1763	12.94	16.38	1.437333	0.624	60.86	8.2
8/26/18 3:00	1764	12.93	15.86	1.078	0.199	69.3	5.426
8/26/18 4:00	1765	12.89	15.61	1.274	0.165	340.5	28.07
8/26/18 5:00	1766	12.86	15.27	1.241333	0.256	339	21.17
8/26/18 6:00	1767	12.84	14.86	1.110667	0.199	27.4	30.05
8/26/18 7:00	1768	12.82	15.79	1.927333	0.51	299.7	26.18
8/26/18 8:00	1769	13.14	18.71	1.992667	1.042	268.5	21.33
8/26/18 9:00	1770	13.57	22.72	2.286667	0.871	185.4	61.43
8/26/18 10:00	1771	13.56	25.94	4.671333	2.365	127.8	18.88

8/26/18 11:00	1772	13.54	27.13	5.814666	2.839	132.4	34.6
8/26/18 12:00	1773	13.48	28.04	4.834666	1.986	126.4	50.64
8/26/18 13:00	1774	13.49	28.65	5.88	2.606	141.1	22.8
8/26/18 14:00	1775	13.47	30.34	7.056	3.259	142.2	21.3
8/26/18 15:00	1776	13.41	32.05	8.624	3.934	189	35.18
8/26/18 16:00	1777	13.41	33.01	8.297333	4.698	215	20.71
8/26/18 17:00	1778	13.38	33.22	8.199333	4.373	225.4	17.82
8/26/18 18:00	1779	13.37	32.03	8.558666	4.849	234.1	13.91
8/26/18 19:00	1780	13.21	29.59	6.794667	2.75	202.4	17.6
8/26/18 20:00	1781	13.12	25.55	2.548	0.478	185.6	52.72
8/26/18 21:00	1782	13.09	22.86	2.123333	0.339	49.55	15.41
8/26/18 22:00	1783	13.06	21.72	2.058	0.397	52.33	12.15
8/26/18 23:00	1784	13.01	20.73	1.96	0.525	56	23.06
8/27/18 0:00	1785	12.99	19.45	1.698667	0.45	49.68	11.58
8/27/18 1:00	1786	12.98	18.94	2.646	1.299	58.15	10.75
8/27/18 2:00	1787	12.93	18.92	2.809333	1.417	73.25	18.44
8/27/18 3:00	1788	12.92	18.13	2.352	1.147	49.19	45.87
8/27/18 4:00	1789	12.89	16.85	1.862	0.724	52.05	34.81
8/27/18 5:00	1790	12.85	15.52	1.600667	0.484	66.54	10.26
8/27/18 6:00	1791	12.82	14.09	1.176	0.207	8.61	40.4
8/27/18 7:00	1792	12.82	15.11	1.535333	0.596	69.34	18.9
8/27/18 8:00	1793	13.13	19.4	3.658666	1.526	121	17.47
8/27/18 9:00	1794	13.58	22.54	5.945333	3.447	114.4	15.63
8/27/18 10:00	1795	13.56	25.1	6.827333	3.778	117.4	18.63
8/27/18 11:00	1796	13.47	28.25	7.611333	4.016	129.6	21.59
8/27/18 12:00	1797	12.7	30.93	8.558666	3.873	209.4	24.36
8/27/18 13:00	1798	13.45	31.77	8.624	4.482	220.5	21.77
8/27/18 14:00	1799	13.44	32.42	9.408	5.026	222.2	22.71
8/27/18 15:00	1800	13.38	33.22	9.898	5.02	216.4	23.45
8/27/18 16:00	1801	13.39	33.78	9.604	5.248	219.2	19.68
8/27/18 17:00	1802	13.39	33.4	8.852667	5.054	227.6	17.04
8/27/18 18:00	1803	13.41	32.13	8.496165	4.927	222	16.61
8/27/18 19:00	1804	13.19	29.31	6.794667	3.112	224.3	12.9
8/27/18 20:00	1805	13.13	24.58	2.646	0.709	181.7	58.32
8/27/18 21:00	1806	13.05	21.3	1.764	0.238	43.88	15.16
8/27/18 22:00	1807	13.02	19.6	2.286667	0.472	42.15	24.15
8/27/18 23:00	1808	13	17.95	1.568	0.434	46.01	29.94
8/28/18 0:00	1809	12.97	16.89	2.090667	0.48	57.92	27.16
8/28/18 1:00	1810	12.94	16.49	3.005333	0.696	54.42	14.41
8/28/18 2:00	1811	12.92	16.21	2.254	0.926	63.38	23.71
8/28/18 3:00	1812	12.9	16.41	2.384667	1.597	65.92	11.24
8/28/18 4:00	1813	12.86	16.43	2.874667	1.242	64.83	31.25
8/28/18 5:00	1814	12.83	13.98	1.012667	0.092	51.71	27.22
8/28/18 6:00	1815	12.79	13.33	1.600667	0.534	54.96	29.2
8/28/18 7:00	1816	12.79	14.69	2.45	1.07	70.51	44.9
8/28/18 8:00	1817	13.13	19.77	4.508	2.449	114.8	16.89
8/28/18 9:00	1818	13.58	22.61	6.337333	3.272	109	15.12
8/28/18 10:00	1819	13.56	25.29	7.774667	4.099	112.7	16.89

8/28/18 11:00	1820	13.47	28.5	7.513333	4.093	138.6	23.92
8/28/18 12:00	1821	13.48	30.61	7.415333	3.682	149.9	20.79
8/28/18 13:00	1822	13.45	31.99	9.440666	3.487	175.6	32.1
8/28/18 14:00	1823	13.44	32.84	7.84	3.716	217.6	23.79
8/28/18 15:00	1824	13.38	33.5	8.460667	4.669	233.4	21.06
8/28/18 16:00	1825	10.19	32.16	7.872667	4.543	240.9	17.31
8/28/18 17:00	1826	13.41	31.05	7.317333	4.302	236.3	12.61
8/28/18 18:00	1827	13.45	29.15	5.88	2.808	239.3	11.8
8/28/18 19:00	1828	13.22	27.69	1.143333	0.503	277.2	22.46
8/28/18 20:00	1829	13.13	24.21	1.208667	0.562	353.3	23.74
8/28/18 21:00	1830	13.06	20.88	1.045333	0.197	49.19	17.9
8/28/18 22:00	1831	13.01	19.05	1.535333	0.248	3.832	32.74
8/28/18 23:00	1832	13.01	17.94	2.319333	0.521	21.23	50.2
8/29/18 0:00	1833	12.97	16.15	1.274	0.216	329.1	23.5
8/29/18 1:00	1834	12.93	16.04	1.796667	0.828	306	14.33
8/29/18 2:00	1835	12.93	15.3	1.502667	0.789	307.7	22.5
8/29/18 3:00	1836	12.9	14.34	2.874667	1.073	295.6	14.16
8/29/18 4:00	1837	12.85	13.26	2.482667	1.214	307.3	16.91
8/29/18 5:00	1838	12.82	12.5	1.894667	1.001	315.6	15.51
8/29/18 6:00	1839	12.79	12.64	2.188667	1.201	315.8	14.26
8/29/18 7:00	1840	12.78	13.77	3.005333	1.325	310.8	12.13
8/29/18 8:00	1841	13.13	17.96	2.809333	1.698	273.3	13.46
8/29/18 9:00	1842	13.56	22.3	2.188667	1.053	245.5	43.36
8/29/18 10:00	1843	13.56	26.58	4.704	2.348	125.9	18.94
8/29/18 11:00	1844	13.45	28.41	4.475333	2.617	125.3	19.39
8/29/18 12:00	1845	13.48	30.35	6.010666	3.013	126.8	23.19
8/29/18 13:00	1846	13.44	31.72	6.174	3.234	146.9	23.44
8/29/18 14:00	1847	13.4	32.65	7.317333	3.419	140.5	21.34
8/29/18 15:00	1848	13.4	34.18	6.794667	3.317	143.1	24.16
8/29/18 16:00	1849	13.37	34.19	7.807333	3.297	225.7	44.96
8/29/18 17:00	1850	13.37	34.7	6.076	3.05	245.2	22.01
8/29/18 18:00	1851	13.33	33.64	6.043334	2.748	215.7	26.77
8/29/18 19:00	1852	13.17	28.61	3.593333	1.074	157	70.84
8/29/18 20:00	1853	13.13	25.09	1.992667	0.638	13.59	36.49
8/29/18 21:00	1854	13.05	22.31	2.221333	0.536	51.28	17.49
8/29/18 22:00	1855	13.02	20.09	1.731333	0.321	37.49	26.1
8/29/18 23:00	1856	12.98	18.3	1.143333	0.177	49.9	15.5
8/30/18 0:00	1857	12.94	17.55	2.319333	0.459	53.49	10.08
8/30/18 1:00	1858	12.93	16.52	0.947649	0.174	35.58	19.23
8/30/18 2:00	1859	12.89	15.67	1.176	0.325	20.41	49.16
8/30/18 3:00	1860	12.86	14.62	1.502667	0.438	39.49	37.03
8/30/18 4:00	1861	12.81	13.61	2.286667	0.683	319	40.11
8/30/18 5:00	1862	12.79	12.85	1.666	0.322	38.26	33.32
8/30/18 6:00	1863	12.78	12.38	1.372	0.3	357.7	41.52
8/30/18 7:00	1864	12.78	13.12	2.417333	0.826	311.7	25.71
8/30/18 8:00	1865	13.02	17.36	2.515333	1.067	265.1	16.73
8/30/18 9:00	1866	13.58	22.89	5.128666	1.851	130.2	20.92
8/30/18 10:00	1867	13.53	25.55	6.043334	3.381	117.4	18.05

8/30/18 11:00	1868	13.52	28.1	6.729333	3.148	118.4	21.09
8/30/18 12:00	1869	13.48	30.13	6.533333	3.518	129.3	22.38
8/30/18 13:00	1870	13.44	32.03	5.847333	2.541	142	33.7
8/30/18 14:00	1871	13.41	33.77	6.696667	2.326	226.2	66.12
8/30/18 15:00	1872	13.38	35.11	6.239333	2.477	256.8	30.12
8/30/18 16:00	1873	13.34	35.83	7.284667	3.229	250.1	28.9
8/30/18 17:00	1874	13.34	35.37	7.35	3.154	242.7	21.33
8/30/18 18:00	1875	13.37	33.46	6.108666	3.926	247.3	13.29
8/30/18 19:00	1876	13.17	30.08	5.357333	2.543	245.7	10.21
8/30/18 20:00	1877	13.13	26.1	2.352	1.015	322.4	33.19
8/30/18 21:00	1878	13.06	24.84	2.482667	1.367	348	14.36
8/30/18 22:00	1879	13.02	23.03	1.796667	0.756	354.5	20.79
8/30/18 23:00	1880	13.01	21.07	1.47	0.412	7.773	21.97
8/31/18 0:00	1881	12.98	20.31	1.437333	0.304	32.36	20.32
8/31/18 1:00	1882	12.94	18.82	2.221333	0.61	17.2	47.39
8/31/18 2:00	1883	12.91	17.21	1.372	0.233	13.68	33.93
8/31/18 3:00	1884	12.88	16.56	1.764	0.547	56.8	10.05
8/31/18 4:00	1885	12.85	15.42	1.829333	0.294	329.7	36.71
8/31/18 5:00	1886	12.81	14.61	0.816667	0.07	20.95	29.2
8/31/18 6:00	1887	12.79	13.95	1.535845	0.528	309	24.07
8/31/18 7:00	1888	12.78	14.2	1.274	0.32	294	18.15
8/31/18 8:00	1889	13.05	19.21	2.254	0.512	140.9	71.06
8/31/18 9:00	1890	13.58	23.98	4.148666	2.007	129.8	17.83



Rain_Tot	rain_today	rain_this_n	AirTemp_A	AirTemp_V	AirTemp_V	RH	RH_Max	RH_Min
inch	inch	inch	C	C	C	%	%	%
Tot	Smp	Smp	Avg	Max	Min	Smp	Max	Min
0	0	0	34.18	34.31	33.78	8.78	9.05	8.78
0.1	0.1	0.1	33.95	34.66	33.49	8.76	8.97	7.59
0	0.1	0.1	33.56	34.28	32.71	9.41	9.74	8.43
0	0.1	0.1	32.75	33.79	31.6	11.3	11.49	9.34
0	0.1	0.1	30.75	32	30.17	12.53	12.68	11.16
0	0.1	0.1	29.08	30.27	27.95	15.52	15.69	12.53
0	0.1	0.1	26.85	28.26	26	16.87	16.9	15.32
0	0.1	0.1	24.52	26.18	23.19	19.15	19.29	16.49
0	0.1	0.1	23.52	25.54	22.02	19.54	20.27	16.61
0	0.1	0.1	21.96	23.71	20.32	21.88	21.99	18.17
0	0	0	20.82	21.95	20.06	21.3	22.54	20.25
0	0	0	19.96	20.97	18.95	23.44	23.57	21.29
0	0	0	19.15	20.32	18.37	24.09	24.36	21.74
0	0	0	18.49	19.15	17.97	23.7	24.71	23.3
0	0	0	19.16	20.58	18.3	23.18	24.58	21.81
0	0	0	18.51	19.61	16.8	26.58	26.69	22.92
0	0	0	17.7	18.81	16.86	26.17	26.66	24.48
0	0	0	20.75	24.43	17.06	17.92	26.54	17.65
0	0	0	25.93	27.28	24.23	15.04	18.02	14.99
0	0	0	29.55	31.07	27.23	14.22	15.6	12.65
0	0	0	30.87	31.73	30.03	15.4	16.4	13.11
0	0	0	31.42	32.99	30.43	15.91	16.3	14.29
0	0	0	30.59	31.47	29.71	17.41	17.62	15.33
0	0	0	29.75	30.55	29.25	15.26	18.13	15.13
0	0	0	30.02	30.37	29.71	14.5	15.79	13.76
0	0	0	30.54	31.24	29.84	15.06	15.82	14.09
0	0	0	31.39	32.02	30.56	14.22	15.5	13.37
0	0	0	30.93	31.99	30.1	15.13	15.42	14.09
0	0	0	30.1	30.98	29.32	15.46	15.66	14.61
0	0	0	28.09	29.45	26.71	17.47	17.56	15.39
0	0	0	25.13	26.81	23.65	20.67	20.79	17.47
0	0	0	22.69	23.91	21.82	23	23.03	20.52
0	0	0	22.44	23.85	21.37	22.23	23.69	20.32
0	0	0	22.03	22.66	21.69	24.17	24.62	22.21
0	0	0	21.64	22.85	20.45	21.36	25.77	21.36
0	0	0	22.37	23.85	21.5	19.87	21.31	17.85
0	0	0	21	22.45	19.74	22.4	23.11	19.74
0	0	0	19.59	20.5	18.43	24.53	24.83	22.34
0	0	0	18.16	19.89	17.26	26.57	27.92	24.09
0	0	0	19.01	20.21	17.91	24.35	27.12	23.89
0	0	0	21.71	22.91	20	20.69	24.35	20.13
0	0	0	23.27	24.07	22.34	20.85	21.2	19.41
0	0	0	25.09	26.65	23.65	20.66	21.75	19.55
0	0	0	26.95	27.95	26.19	19.5	21.18	19.03

0	0	0	28.11	29.31	27.3	17.81	20.18	17.47
0	0	0	28.89	30.15	27.95	17.47	18.36	16.3
0	0	0	29.18	30.28	28.28	18.38	18.79	16.76
0	0	0	27.63	28.92	26.58	21.31	22.18	18.32
0	0	0	27.13	27.48	26.45	22.61	22.78	20.72
0	0	0	25.82	26.59	25.08	27.17	27.24	22.61
0	0	0	23.95	25.22	23.19	38.3	38.46	27.23
0	0	0	23.15	23.54	22.54	40.93	41.12	37.59
0	0	0	22.15	22.71	21.88	38.56	43.32	37.39
0	0	0	22.41	22.97	21.89	46.64	46.77	37.45
0	0	0	20.89	21.99	20.06	54.91	54.96	46.64
0	0	0	19.78	20.2	19.15	55.1	55.76	54.64
0	0	0	18.73	19.23	18.49	52.69	55.37	52.3
0	0	0	18.7	18.89	18.62	53.08	53.34	52.42
0	0	0	18.76	18.94	18.69	53.73	53.96	53.01
0	0	0	18.63	18.86	18.5	55.1	55.23	53.66
0	0	0	18.62	18.8	18.5	53.39	55.66	52.88
0	0	0	18.61	19.01	18.43	54.44	54.47	52.16
0	0	0	18.11	18.6	17.78	56.2	58.17	54.25
0	0	0	17.82	18.24	17.45	56.08	56.33	53.14
0	0	0	17.73	17.88	17.58	59.46	59.53	56.01
0	0	0	17.89	18.23	17.65	65.13	65.13	59.07
0	0	0	18.05	18.56	17.58	62.32	66.16	61.93
0	0	0	17.65	18.44	17.19	73.88	76.01	62.26
0	0	0	18.39	18.94	17.52	72.88	74.05	67.15
0	0	0	17.38	18.23	16.67	87.4	87.5	72.94
0.17	0.17	0.17	16.57	16.79	16.47	89.8	93.4	86.3
0.08	0.25	0.25	17.12	18.24	16.47	83.2	93.8	78.09
0	0.25	0.25	19.02	19.86	18.17	65	90.1	63.9
0	0.25	0.25	20.19	20.57	19.6	59.73	67.68	56.86
0	0.25	0.25	20.65	21.2	20.25	58.62	61.1	53.48
0	0.25	0.25	20.36	20.94	19.93	55.17	59.34	51.78
0	0.25	0.25	20.46	21.21	19.74	53.66	58.1	49.38
0	0.25	0.25	18.98	19.93	17.39	76.79	76.79	53.8
0	0.25	0.25	16.56	17.42	15.95	83.7	83.9	76.85
0	0.25	0.25	15.85	16.11	15.69	87.3	87.5	83.2
0	0.25	0.25	15.47	16	14.97	91.2	91.3	86.8
0	0.25	0.25	14.91	15.08	14.65	94	94	91.2
0	0	0.25	14.5	14.81	14.38	96.1	96.5	94
0	0	0.25	14.64	14.9	14.38	95.9	96.1	95.1
0	0	0.25	14.24	14.5	13.8	97.9	98	95.9
0	0	0.25	13.43	13.94	13.27	98.3	98.5	97.5
0	0	0.25	13.18	13.4	13.01	98.4	98.7	98.3
0	0	0.25	13.58	13.85	13.21	96.4	98.5	95.3
0	0	0.25	13.4	13.72	13.27	96.2	97.1	96.1
0	0	0.25	14.72	15.99	13.67	76	96.2	73.72
0	0	0.25	17.48	18.59	15.75	38.94	75.89	38.55
0	0	0.25	19.71	20.72	18.37	36.41	40.5	34.97

0	0	0.25	22.1	23.46	20.65	31.46	36.93	28.99
0	0	0.25	23.53	24.41	22.87	27.62	32.96	26.45
0	0	0.25	24.82	25.87	23.78	23.64	28.01	22.54
0	0	0.25	25.69	26.46	24.95	20.78	24.9	19.88
0	0	0.25	26.29	27.04	25.67	19.05	22.69	16.94
0	0	0.25	26.17	26.65	25.61	17.01	19.36	15.58
0	0	0.25	25.77	26.55	25.34	18.31	18.33	14.73
0	0	0.25	25.19	25.93	24.76	21.37	21.41	16.81
0	0	0.25	24.1	24.83	23.45	22.34	23.95	21.24
0	0	0.25	22.42	23.55	21.11	25.34	25.86	21.89
0	0	0.25	20.61	21.37	19.02	26.86	27.03	21.75
0	0	0.25	18.48	19.2	17.91	22.79	28.01	22.79
0	0	0.25	17.39	18.23	16.15	25.26	25.45	21.29
0	0	0.25	15.79	16.22	15.17	29.55	29.92	25.26
0	0	0.25	15.54	15.98	15.23	29.1	30.22	27.6
0	0	0.25	14.97	15.9	13.47	39.65	40.3	28.45
0	0	0.25	14.37	15.06	13.08	34.76	41.6	31.77
0	0	0.25	13.53	14.42	12.69	40.3	40.31	34.44
0	0	0.25	11.6	12.79	10.27	45.89	48.42	38.98
0	0	0.25	11.08	12.03	9.75	48.11	51.32	41.46
0	0	0.25	13.63	15.29	11.77	36.85	48.51	36.72
0	0	0.25	16.59	17.71	15.23	34.97	37.26	33.34
0	0	0.25	18.78	19.87	17.51	35.23	36.12	32.17
0	0	0.25	21.33	22.75	19.67	28.08	35.17	28.08
0	0	0.25	23.81	26.25	22.54	17.79	29.2	17.47
0	0	0.25	26.52	27.19	25.8	16.17	19.08	16.1
0	0	0.25	27.43	28.38	26.45	15.14	17.14	14.47
0	0	0.25	28.04	28.7	27.17	12.78	16.33	12.59
0	0	0.25	28.75	29.89	27.69	11.09	14.53	11.09
0	0	0.25	28.84	29.45	28.08	10.9	12.33	9.4
0	0	0.25	28.58	29.31	28.02	10.89	12.13	9.72
0	0	0.25	28.14	28.87	27.56	13.24	13.4	10.5
0	0	0.25	26.99	27.84	26.13	16.23	16.36	12.52
0	0	0.25	24.82	26.22	23.39	18.76	18.83	15.71
0	0	0.25	21.75	23.44	20.52	20.78	22.67	18.44
0	0	0.25	20.24	21.21	19.15	23.45	26.04	20.38
0	0	0.25	19.42	20.15	18.69	24.22	24.9	23.05
0	0	0.25	18.49	19.04	17.98	21.88	24.52	20.7
0	0	0.25	15.07	18.08	13.47	35.02	35.74	21.81
0	0	0.25	14.09	15	13.6	34.37	35	28.18
0	0	0.25	12.93	13.87	12.43	35.27	36.65	31.37
0	0	0.25	11.7	12.58	10.54	32.54	39.7	32.54
0	0	0.25	10.15	10.64	9.16	45.76	45.76	32.54
0	0	0.25	9.05	9.72	8.25	36.32	46.33	35.98
0	0	0.25	11.09	12.58	9.62	30.35	40.36	29.74
0	0	0.25	14.94	17.26	12.49	23.45	30.85	23.11
0	0	0.25	19.96	22.36	17.26	17.98	23.3	17.2
0	0	0.25	23.98	25.28	22.02	14.53	19	14.21

0	0	0.25	25.48	26.54	24.7	8.1	14.47	7.894
0	0	0.25	26.92	27.96	25.87	6.467	8.88	6.203
0	0	0.25	28.6	29.59	27.63	8.49	9.14	6.339
0	0	0.25	29.65	30.51	28.54	8.49	9.11	7.905
0	0	0.25	31.27	32.34	30.1	6.089	8.58	5.957
0	0	0.25	32.11	32.65	31.6	6.057	7.08	5.371
0	0	0.25	32.38	33.14	31.8	6.418	6.873	5.44
0	0	0.25	32.11	32.63	31.6	6.153	7.031	6.086
0	0	0.25	31.37	31.98	30.62	6.54	6.959	5.76
0	0	0.25	29.18	30.67	28.08	8.67	8.95	6.474
0	0	0.25	26.48	28.15	22.74	13.96	14.03	8.55
0	0	0.25	23.15	24.36	22.09	13.62	14.78	11.21
0	0	0.25	21.34	22.26	20.59	14.33	15.9	12.83
0	0	0.25	20.89	21.63	20.07	15.7	15.84	14
0	0	0.25	18.85	20.2	17.52	18.55	18.88	15.56
0	0	0.25	16.84	17.79	16.02	20.9	21.02	17.44
0	0	0.25	17.11	18.55	15.11	21.74	22.91	16.6
0	0	0.25	14.42	16.52	12.69	26.69	29.19	21.41
0	0	0.25	12.62	13.36	11.91	26.03	31.04	24.07
0	0	0.25	11.79	12.73	10.73	27.54	29.36	24.4
0	0	0.25	13.61	16.25	10.73	20.83	28.01	20.76
0	0	0.25	18.52	20.52	16.15	16.47	21.19	16.08
0	0	0.25	23.62	26.59	20.45	12.91	16.75	12.58
0	0	0.25	28.58	29.84	26.52	10.57	13.12	10.38
0	0	0.25	30.61	31.41	29.39	9.08	10.85	8.95
0	0	0.25	31.71	32.58	30.56	8.04	9.45	7.845
0	0	0.25	32.6	33.77	31.08	7.784	8.61	7.523
0	0	0.25	33.7	34.41	33.04	7.46	8.13	7.007
0	0	0.25	34.44	35.34	33.69	6.617	7.612	6.358
0	0	0.25	34.92	35.6	34.27	6.815	7.183	6.161
0	0	0.25	35.64	36.16	35.19	6.688	7.219	6.621
0	0	0.25	35.61	36.16	35.25	6.554	7.111	6.034
0	0	0.25	34.65	35.59	33.75	6.939	7.183	6.491
0	0	0.25	32.55	33.88	31.15	8.47	8.77	6.874
0	0	0.25	29.93	31.43	28.09	10.05	11.1	8.3
0	0	0.25	27.54	28.81	26.65	12.01	12.01	10.05
0	0	0.25	25.77	26.72	24.24	13.68	13.79	11.8
0	0	0.25	23.27	24.37	22.61	14.65	15.4	13.56
0	0	0.25	22.53	23.52	21.69	15.19	16.32	13.49
0	0	0.25	20.55	22.6	18.3	18.82	21.56	14.46
0	0	0.25	17.77	20.13	16.67	19.68	22.72	17.06
0	0	0.25	17.06	17.79	14.58	28.01	28.45	19.33
0	0	0.25	15.71	16.65	14.65	22.98	27.93	21.28
0	0	0.25	15.64	16.45	14.71	23.31	25.06	21.54
0	0	0.25	16.35	17.74	15.43	21.42	29.56	21.42
0	0	0.25	20.11	22.8	17.52	15.7	21.4	15.57
0	0	0.25	25.95	28.51	22.8	11.16	15.7	10.96
0	0	0.25	29.63	30.82	28.35	9.92	11.63	9.92

0	0	0.25	32.01	33.68	30.69	7.46	10.25	7.197
0	0	0.25	33.88	35.76	32.84	6.618	7.93	6.618
0	0	0.25	35.37	36.56	34.66	6.036	7.151	5.775
0	0	0.25	35.99	36.97	35.19	6.232	6.911	5.97
0	0	0.25	36.65	37.39	35.71	5.842	6.571	5.455
0	0	0.25	36.58	37.3	35.91	6.75	7.255	5.712
0	0	0.25	36.3	36.77	35.77	6.883	6.883	6.101
0	0	0.25	35.43	36.42	34.86	7.495	7.611	6.165
0	0	0.25	33.99	35.02	32.97	7.978	8.2	7.269
0	0	0.25	31.46	33.07	29.72	9.72	9.75	7.978
0	0	0.25	28.64	29.71	27.83	10.9	11.04	9.66
0	0	0.25	27.05	28.19	26	13.04	13.18	10.76
0	0	0.25	25.54	26.13	24.9	13.75	13.98	12.91
0	0	0.25	24.62	25.41	22.41	16.09	16.2	13.23
0	0	0.25	21.55	23.57	19.81	14.99	19.9	14.98
0	0	0.25	21.75	23.59	18.63	20.06	21.3	14.79
0	0	0.25	18.41	19.53	17.54	22.6	23.31	19.01
0	0	0.25	16.93	18.1	14.92	27.54	28.12	21.29
0	0	0.25	14.08	15.1	13.15	28.18	30.77	26.82
0	0	0.25	14.6	15.4	14.06	28.12	29.23	26.1
0	0	0.25	17.16	18.38	14.39	25.39	29.08	23.18
0	0	0.25	20.37	23.84	18.3	15.44	25.88	15.44
0	0	0.25	25.82	27.32	23.84	12.26	15.72	12
0	0	0.25	28.5	29.97	26.91	10.32	12.59	10.05
0	0	0.25	31.22	32.73	29.72	5.503	10.58	5.374
0	0	0.25	33.72	34.86	32.45	5.964	6.419	4.597
0	0	0.25	34.8	35.84	33.76	4.867	6.131	4.465
0	0	0.25	35.66	36.63	34.6	4.874	5.312	4.281
0	0	0.25	35.89	36.69	35.19	4.839	5.334	4.346
0	0	0.25	35.89	36.62	35.45	4.156	4.908	4.152
0	0	0.25	35.98	36.5	35.58	4.607	4.861	4.021
0	0	0.25	35.48	36.09	34.93	4.864	5.098	4.476
0	0	0.25	34.43	35.22	33.62	4.74	5.021	4.532
0	0	0.25	32.18	33.71	30.89	5.694	5.827	4.596
0	0	0.25	30.23	31.03	29.39	5.562	5.986	5.367
0	0	0.25	25.9	29.74	24.5	7.959	8.04	5.428
0	0	0.25	24.22	25.41	23.39	9.84	10.04	7.957
0	0	0.25	21.7	23.72	19.16	13.09	13.87	9.58
0	0	0.25	20.17	22.42	18.89	11.33	14.01	10.94
0	0	0.25	20.28	22.03	18.37	14.86	15.05	11.27
0	0	0.25	17.31	19.74	15.24	19.39	19.46	13.28
0	0	0.25	15.29	16.03	14.78	18.21	20.11	18.15
0	0	0.25	14.23	15.96	12.95	23.25	23.39	17.96
0	0	0.25	12.86	13.28	12.56	20.49	23.59	20.3
0	0	0.25	15.58	18.03	13.21	15.49	20.79	15.36
0	0	0.25	21.19	24.11	18.04	12.51	15.51	11.27
0	0	0.25	25.12	26.33	24.04	13.82	15.37	11.8
0	0	0.25	27.75	29.92	25.93	11.39	14.1	10.9

0	0	0.25	31.11	32.44	29.19	8.71	11.78	8.11
0	0	0.25	33.24	33.89	32.13	7.98	8.91	7.067
0	0	0.25	33.52	34.11	33.04	8.82	8.98	7.656
0	0	0.25	33.4	34	32.84	8.5	9.14	7.979
0	0	0.25	33.65	34.27	32.97	8.5	9.04	7.915
0	0	0.25	33.43	34.04	32.91	7.59	8.97	7.004
0	0	0.25	32.99	33.73	32.45	9.28	9.28	6.937
0	0	0.25	32.15	32.9	31.47	10.33	10.34	8.89
0	0	0.25	31.05	31.82	30.24	12.33	13.55	9.86
0	0	0.25	29.17	30.37	27.83	12.98	13.01	10.64
0	0	0.25	26.26	27.88	25.15	15.91	15.91	12.78
0	0	0.25	24.36	25.54	22.22	21.63	21.77	15.84
0	0	0.25	23.07	23.66	22.15	25.54	25.66	21.56
0	0	0.25	22.54	23.44	21.25	31.79	31.92	25.28
0	0	0.25	20.35	21.31	19.54	36.8	37.34	31.79
0	0	0.25	18.76	20.01	17.72	39.86	40.93	36.08
0	0	0.25	17.52	18.25	16.94	41.02	42.02	39.14
0	0	0.25	16	17.03	15.56	44.34	45.72	41.03
0	0	0.25	15.08	16.22	14.13	47.92	48.49	43.04
0	0	0.25	14.39	15.49	13.8	48.45	49.69	44.6
0	0	0.25	15.73	17.32	14.13	37.25	48.51	37.18
0	0	0.25	19.85	22.24	17.13	30.75	37.64	30.61
0	0	0.25	23.48	24.78	22.15	24.56	31.04	24.56
0	0	0.25	25.86	27.62	24.7	19.36	24.57	18.7
0	0	0.25	28.5	30.42	27.24	9.86	19.99	9.73
0	0	0.25	30.51	31.21	30.04	9.73	10.1	9.21
0	0	0.25	31.47	32.68	30.43	9.02	10.15	8.5
0	0	0.25	32.12	33.05	31.48	9.28	9.67	8.63
0	0	0.25	32.27	33.49	31.54	9.47	10.11	8.83
0	0	0.25	32.55	33.42	31.93	9.87	10.31	9.35
0	0	0.25	32.29	33.32	31.61	9.93	10.52	9.54
0	0	0.25	31.67	32.36	31.08	10.25	10.45	9.67
0	0	0.25	30.67	31.54	29.78	13.05	13.26	10.12
0	0	0.25	28.63	29.88	27.37	14.8	14.8	12.92
0	0	0.25	26.32	27.44	25.61	15.97	16.18	14.8
0	0	0.25	25.23	25.96	24.63	17.79	18	16.03
0	0	0.25	23.91	24.81	23.33	19.42	19.5	17.73
0	0	0.25	23.04	23.47	22.09	20.78	20.88	19.15
0	0	0.25	20.49	22.42	18.56	26.19	26.19	20.39
0	0	0.25	17.69	18.7	16.48	27.54	29.7	25.98
0	0	0.25	17.58	18.99	15.7	31.79	31.79	25.59
0	0	0.25	15.8	16.37	14.91	31.12	31.9	29.69
0	0	0.25	14.54	15.06	14.13	31.84	33.98	31.12
0	0	0.25	14.61	15.44	13.7	35.36	35.71	31.38
0	0	0.25	16.67	17.72	14.19	28	35.56	27.2
0	0	0.25	20.16	23.33	17.65	20.64	28.61	20.26
0	0	0.25	24.63	26.13	22.93	17.66	21.06	17.6
0	0	0.25	26.83	28.47	25.67	16.43	18.48	15.84

0	0	0.25	29.18	30.68	27.83	14.88	16.45	13.51
0	0	0.25	31.02	33.06	29.33	13.38	15.28	11.69
0	0	0.25	32.59	33.52	31.35	12.08	13.45	11.1
0	0	0.25	33.59	34.86	32.59	10.91	12.28	10.65
0	0	0.25	34.7	35.71	33.89	9.68	11.22	9.68
0	0	0.25	34.75	36.16	33.56	9.97	10.68	9.41
0	0	0.25	34.64	35.35	33.89	9.81	10.35	9.55
0	0	0.25	33.66	34.53	32.91	10.72	10.98	9.87
0	0	0.25	32.41	33.08	31.61	11.69	11.83	10.52
0	0	0.25	30.36	31.66	29.07	13.96	14.1	11.62
0	0	0.25	27.56	29.13	26.65	16.39	16.39	13.96
0	0	0.25	26.07	26.74	25.55	17.14	17.48	16.23
0	0	0.25	24.9	25.74	23.85	17.86	18.66	17.01
0	0	0.25	24.62	25.34	23.65	17.08	18.51	16.61
0	0	0.25	21.19	25.1	20.39	22.15	22.83	17.08
0	0	0.25	20.81	21.37	20.13	21.39	23.17	21.04
0	0	0.25	19.31	21.11	17	27.68	28.34	21.3
0	0	0.25	16.83	18.57	15.43	30.08	30.47	25.07
0	0	0.25	15.77	16.44	15.24	29.17	31.05	28.45
0	0	0.25	15.51	16.47	14.52	32.82	32.82	28.32
0	0	0.25	15.65	17.61	14.39	25.65	33.75	25.52
0	0	0.25	20.69	22.81	17.52	19.8	25.78	19.67
0	0	0.25	25.24	27.33	22.61	15.39	19.95	15.32
0	0	0.25	28.34	29.77	27.18	13.44	15.53	13.05
0	0	0.25	30.66	31.83	29.26	11.29	13.58	11.1
0	0	0.25	32.72	34.13	31.8	9.86	11.43	9.8
0	0	0.25	34.26	34.92	33.69	9.22	10.09	8.96
0	0	0.25	35.4	36.54	34.02	8.26	9.69	8.05
0	0	0.25	35.33	36.18	34.47	8.7	9.08	8.25
0	0	0.25	35.6	36.04	34.99	8.12	9.05	7.858
0	0	0.25	35.27	35.89	34.48	7.325	8.4	7.074
0	0	0.25	34.86	35.67	34.21	6.163	7.418	6.096
0	0	0.25	33	34.48	32.13	7.065	7.194	6.162
0	0	0.25	30.57	32.14	28.81	8.36	8.51	6.999
0	0	0.25	27.92	29.07	26.98	9.13	9.34	8.36
0	0	0.25	26.25	27.33	25.61	9.91	10.19	9.07
0	0	0.25	23.04	25.99	20.59	13.48	14.4	9.91
0	0	0.25	21.56	22.05	20.92	13.7	14.23	13.09
0	0	0.25	19.42	21.47	18.18	16.89	16.89	13.68
0	0	0.25	19.02	20.67	17.78	16.73	16.99	13.8
0	0	0.25	16.09	17.86	14.91	19.91	20.33	16.66
0	0	0.25	14.7	15.33	14	20.76	21.61	19.72
0	0	0.25	13.22	14.6	12.23	23.75	24.34	20.76
0	0	0.25	12.9	14.34	12.05	24.73	24.81	21.34
0	0	0.25	13.15	16.09	11.39	18.81	26.35	18.81
0	0	0.25	18.17	20.79	16.02	13.8	18.88	13.8
0	0	0.25	24.02	26.85	20.72	9.78	13.89	9.65
0	0	0.25	28.12	29.85	26.72	7.06	10.13	6.795

0	0	0.25	30.37	31.28	29.26	6.347	7.397	6.151
0	0	0.25	32.47	34.09	30.82	4.794	6.622	4.663
0	0	0.25	34.15	34.79	33.56	4.473	4.822	4.017
0	0	0.25	34.5	35.12	33.76	4.213	4.727	3.305
0	0	0.25	34.57	35.32	33.76	3.178	4.829	3.177
0	0	0.25	34.73	35.35	34.14	3.631	3.976	2.274
0	0	0.25	34.48	35.18	34.02	4.349	4.685	3.567
0	0	0.25	33.7	34.27	32.91	4.533	4.595	3.561
0	0	0.25	32.44	33.33	31.48	4.794	4.871	4.27
0	0	0.25	29.83	31.58	27.5	6.989	6.989	4.659
0	0	0.25	26.39	27.55	25.94	7.779	7.779	6.923
0	0	0.25	25.28	26.19	24.76	7.371	7.862	7.242
0	0	0.25	23.89	24.9	23.14	7.822	8.14	7.305
0	0	0.25	21.82	23.38	20.14	9.31	9.6	7.821
0	0	0.25	20.57	21.7	18.31	11.65	11.79	8.92
0	0	0.25	17.95	19.57	15.96	15.82	16.28	10.68
0	0	0.25	16.81	17.97	15.63	16.01	16.61	14.19
0	0	0.25	14.53	16.18	13.61	16.59	17.99	15.23
0	0	0.25	14.48	16.21	13.28	14.45	19.01	14.25
0	0	0.25	13.2	16.16	12.11	18.41	19.17	14.05
0	0	0.25	14.65	17.2	12.36	14.58	18.47	14.19
0	0	0.25	20.23	22.88	16.8	12.44	15.13	11.92
0	0	0.25	23.98	25.68	22.8	12.64	12.92	11.67
0	0	0.25	27.98	30.23	25.67	10.32	12.76	10.18
0	0	0.25	31.51	32.42	29.91	7.261	10.59	6.479
0	0	0.25	32.31	33.18	31.67	7.2	8.17	5.439
0	0	0.25	32.84	33.45	31.93	6.028	7.85	4.985
0	0	0.25	33.17	33.92	32.45	7.429	7.526	4.013
0	0	0.25	33.41	34.46	32.06	5.246	8.66	5.246
0	0	0.25	33.26	33.94	32.65	5.314	7.009	4.145
0	0	0.25	32.82	33.62	32.06	6.155	7.351	4.599
0	0	0.25	31.45	32.45	30.5	7.473	8.67	5.182
0	0	0.25	30.71	31.35	29.98	8.82	8.83	6.086
0	0	0.25	28.74	30.07	27.25	9.99	10.2	8.29
0	0	0.25	25.64	27.32	24.44	12.45	12.46	9.98
0	0	0.25	23.08	24.51	21.37	14.46	14.96	12.38
0	0	0.25	20.85	22.08	19.48	17.06	17.64	14.26
0	0	0.25	20.63	21.9	19.29	20.65	20.7	15.7
0	0	0.25	19.13	20.07	17.92	26.9	26.93	19.8
0	0	0.25	19.24	19.72	18.11	29.9	31.86	26.83
0	0	0.25	17.22	19.16	16.15	33.93	34.75	29.83
0	0	0.25	16.33	17.48	15.37	30.57	36.43	30.48
0	0	0.25	18.56	19.55	17.39	30.54	31.02	27.48
0	0	0.25	16.54	18.31	15.17	34.44	35.39	29.83
0	0	0.25	17.53	19.88	15.3	28.85	34.78	28.72
0	0	0.25	20.51	21.96	19.74	23.72	29.04	23.71
0	0	0.25	23.45	24.99	21.89	20.59	23.71	20.59
0	0	0.25	25.43	26.64	24.57	19.49	21.51	18.18



0	0	0.25	27.04	28.43	25.94	14.22	19.64	13.83
0	0	0.25	28.51	29.45	27.76	11.75	15.17	11.49
0	0	0.25	29.43	30.31	28.74	8.52	12.48	6.992
0	0	0.25	29.46	30.47	28.48	10.32	10.6	8.16
0	0	0.25	30.19	31	29.2	9.93	10.72	8.89
0	0	0.25	30.07	30.95	29.46	8.77	10.27	8.31
0	0	0.25	29.75	30.43	29.32	9.14	10.14	8.68
0	0	0.25	29.47	30.01	28.93	10.18	10.77	8.81
0	0	0.25	28.52	29.29	27.7	11.35	11.47	9.66
0	0	0.25	26.63	27.77	25.09	13.5	13.56	11.22
0	0	0.25	23.45	25.13	21.9	16.25	16.25	13.49
0	0	0.25	20.93	21.92	19.55	19.61	19.68	16.29
0	0	0.25	19.56	20.34	18.57	22.53	22.53	19.34
0	0	0.25	17.91	18.71	17.33	24.42	24.8	22.46
0	0	0.25	17	18.36	15.7	28.91	29.13	23.51
0	0	0.25	15.71	16.56	15.37	29.83	30.11	27.34
0	0	0.25	15.36	16.58	14.46	30.02	32.21	28.45
0	0	0.25	13.83	15.99	13.28	33.33	33.73	29.49
0	0	0.25	12.75	13.36	12.11	34.43	35.88	32.16
0	0	0.25	12.69	13.29	12.24	36.98	37.49	34.17
0	0	0.25	14.96	16.11	12.5	28.88	36.91	28.12
0	0	0.25	18.73	20.23	15.89	28.85	29.42	25.26
0	0	0.25	21.32	22.95	20.13	24.95	30.55	24.95
0	0	0.25	24.02	25.68	22.81	16.49	25.1	16.1
0	0	0.25	26.44	27.6	24.89	15.52	17.23	14.67
0	0	0.25	28.19	29.49	26.52	12.66	16.06	12.4
0	0	0.25	28.76	29.94	27.89	11.7	13.41	11.55
0	0	0.25	29.97	31.22	28.87	11.16	12.53	10.19
0	0	0.25	30.75	31.97	29.72	9.93	11.51	9.6
0	0	0.25	31.49	31.99	30.89	9.56	10.32	9.41
0	0	0.25	31.71	32.58	30.76	9.93	10.25	9.34
0	0	0.25	31.4	32.33	30.76	11.62	12.23	9.74
0	0	0.25	30.28	31.27	29.46	12.47	12.54	11.29
0	0	0.25	28.28	29.66	27.11	13.82	14	12.46
0	0	0.25	26.1	27.17	24.9	14.54	14.7	13.56
0	0	0.25	24.11	25.15	22.75	15.57	16.42	14.27
0	0	0.25	23.62	24.57	22.88	16.29	16.37	14.73
0	0	0.25	20.54	23.26	18.24	21.95	22.05	16.29
0	0	0	17.97	18.72	17.2	22.98	23.72	21.49
0	0	0	16.62	17.66	15.96	25	25.39	22.99
0	0	0	15.84	16.93	14.98	23.64	27.22	23.31
0	0	0	14.95	16.75	13.93	27.02	27.33	23.57
0	0	0	13.41	14.42	12.95	27.86	29.11	26.49
0	0	0	13.41	13.97	13.02	28.32	29.03	27.6
0	0	0	15.88	17.39	13.48	22.85	28.78	22.66
0	0	0	19.42	21.92	17.26	16.74	22.93	16.48
0	0	0	24.27	26.28	21.76	12.52	16.86	12.45
0	0	0	26.75	27.98	25.74	12.33	13.19	11.48

0	0	0	29	30.31	27.63	11.68	12.62	11.16
0	0	0	30.38	31.21	29.52	10.19	11.82	10.06
0	0	0	31.87	32.64	30.5	9.48	10.61	9.28
0	0	0	32.84	33.89	32.06	8.5	9.69	8.11
0	0	0	33.49	34.72	32.45	8.31	9.07	7.982
0	0	0	34.34	35.21	33.3	8.78	9	7.852
0	0	0	34.25	34.96	33.56	9.01	9.17	8.31
0	0	0	33.31	34.22	32.52	9.61	9.88	8.89
0	0	0	31.96	32.84	30.96	11.42	11.51	9.6
0	0	0	29.77	31.02	28.55	13.44	13.58	11.29
0	0	0	27.27	28.76	26.2	16.1	16.18	13.37
0	0	0	25.89	26.45	25.35	17.22	17.66	16.1
0	0	0	24.46	25.87	21.11	22.4	22.41	17.21
0	0	0	21.58	22.67	20.01	24.24	24.24	21.17
0	0	0	19.84	21.07	18.31	26.24	26.58	22.93
0	0	0	18.1	18.84	16.74	28.72	28.9	25.72
0	0	0	16.77	17.4	16.15	29.34	29.76	27.48
0	0	0	15.95	17.58	14.98	29.95	31.39	26.89
0	0	0	14.58	15.85	13.48	33.79	34.11	29.24
0	0	0	13.55	14	13.28	33.27	34.88	32.94
0	0	0	15.16	17.71	13.48	26.69	33.63	26.56
0	0	0	19.65	22.92	17.65	18.11	26.93	18.11
0	0	0	23.91	25.19	22.74	14.9	18.58	14.66
0	0	0	26.36	28.12	25.09	14.41	15.63	14.34
0	0	0	28.96	30.62	27.5	12.14	15.15	12.01
0	0	0	31.43	32.79	30.3	10.06	12.59	9.8
0	0	0	32.86	34.19	31.8	9.1	10.68	9.02
0	0	0	33.84	35.13	33.11	8.79	9.45	8.24
0	0	0	34.44	35.64	33.24	8.14	8.93	8.05
0	0	0	34.55	35.18	33.89	6.987	8.32	6.942
0	0	0	34.11	35.27	32.98	7.786	7.964	6.879
0	0	0	32.64	33.42	31.94	8.42	8.6	7.783
0	0	0	31.41	32.13	30.63	8.62	8.8	8.1
0	0	0	29.36	30.69	27.9	9.99	10.22	8.62
0	0	0	26.39	28.04	24.9	11.8	11.85	9.98
0	0	0	23.25	24.96	22.16	12.97	13.89	11.8
0	0	0	22.11	23.97	20.66	12.38	14.84	11.6
0	0	0	20.54	23.04	19.22	15.24	15.65	12.38
0	0	0	19.29	20.28	18.11	16.34	17.05	14.65
0	0	0	16.64	18.66	15.11	16.6	20.09	16.15
0	0	0	16.95	17.96	15.63	16.94	19	16.4
0	0	0	16.6	17.26	15.76	15.95	17.94	15.94
0	0	0	14.5	17.48	12.96	20.89	21	15.88
0	0	0	13.15	14.13	12.57	19.85	21.72	19.45
0	0	0	15.44	17.7	13.22	17.57	20.96	16.6
0	0	0	20.61	22.3	16.81	11.53	17.96	11.46
0	0	0	23.64	25.41	22.03	10.19	11.8	10.04
0	0	0	26.81	28.65	25.28	11.61	12.17	10.1

0	0	0	29.76	31.15	27.9	10.78	12.14	10.58
0	0	0	31.08	32.12	30.3	9.54	11.32	9.34
0	0	0	31.81	32.42	30.89	9.54	9.81	8.3
0	0	0	31.96	32.72	31.35	8.95	9.79	8.43
0	0	0	32.1	32.81	31.35	7.225	9.49	6.872
0	0	0	32.42	33.13	31.41	6.612	7.431	5.896
0	0	0	32.11	32.85	31.67	7.261	7.661	6.48
0	0	0	31.33	32.06	30.63	7.778	7.952	6.803
0	0	0	30.14	30.89	29.33	8.2	8.64	6.931
0	0	0	27.79	29.43	26.07	10.5	10.57	8.03
0	0	0	24.38	26.14	23.85	11.67	11.94	10.5
0	0	0	23.44	24.39	22.42	12.53	12.9	11.47
0	0	0	21.92	23.01	19.94	13.82	14.99	12.38
0	0	0	21.58	22.02	21.11	18.05	18.05	13.75
0	0	0	20.13	21.24	19.09	19.86	20.51	17
0	0	0	17.88	19.65	16.15	24.74	24.82	19.47
0	0	0	17.12	17.78	16.35	25.78	26.53	24.16
0	0	0	16.86	17.72	16.22	28.13	28.29	25.46
0	0	0	14.4	17.08	12.89	34.69	34.96	26.83
0	0	0	12.53	13.06	11.98	31.7	37.61	31.7
0	0	0	15.72	18	12.76	25.85	31.64	25.46
0	0	0	20.58	22.54	17.98	25.15	26.49	24.68
0	0	0	23.58	24.7	22.29	19.74	25.55	19.68
0	0	0	26.24	27.77	24.7	15.73	19.75	15.32
0	0	0	28.33	29.4	27.25	15.2	16.2	14.87
0	0	0	30.58	31.55	28.87	13.45	16.18	12.21
0	0	0	31.71	32.41	30.7	13.84	14.05	12.66
0	0	0	32.15	32.92	31.67	12.8	14.05	12.6
0	0	0	32.53	33.38	31.41	14.17	14.27	12.6
0	0	0	32.63	33.62	31.61	14.3	14.77	13.06
0	0	0	32.18	33.25	30.96	15.73	15.9	13.97
0	0	0	31.52	32.4	30.76	15.53	15.9	14.42
0	0	0	31.19	31.81	30.11	16.76	16.84	15.16
0	0	0	28.79	30.22	27.18	19.56	19.75	16.63
0	0	0	26	27.31	25.02	21.44	22.18	19.56
0	0	0	25.05	26.01	23.99	22.48	22.82	20.66
0	0	0	23.89	24.77	23	23.39	23.55	21.5
0	0	0	23.08	23.68	22.61	23.91	23.99	22.67
0	0	0	21.61	22.92	20.27	28.14	28.21	23.84
0	0	0	19.39	20.4	18.57	30.42	30.51	28.15
0	0	0	18.13	18.75	17.65	30.22	30.55	29.3
0	0	0	17.27	17.72	16.81	31.81	31.88	30.22
0	0	0	16.77	17.59	15.7	34.25	35.82	30.67
0	0	0	15.88	16.35	15.38	33.08	36.8	33.01
0	0	0	16.66	17.92	16.28	30.22	33.63	30.21
0	0	0	20.36	23.33	17.91	23.45	30.27	23.39
0	0	0	25.13	27.55	23.2	19.15	23.74	19.04
0	0	0	29.86	31.74	27.5	17.03	19.1	16.12

0	0	0	31.88	32.98	30.89	15.27	17.29	14.75
0	0	0	33.9	35.38	32.45	13.35	15.27	12.8
0	0	0	34.2	35.63	33.17	14.5	14.59	12.93
0	0	0	34.69	36.65	33.43	13.84	14.6	12.09
0	0	0	34.77	36.1	33.56	12.61	14.78	12.49
0	0	0	36.01	36.65	35.26	12.23	12.98	11.63
0	0	0	35.67	36.56	34.54	12.83	13.21	10.66
0	0	0	35.45	36	34.93	12.27	13.1	10.92
0	0	0	34.81	35.63	34.22	13.52	13.8	11.7
0	0	0	32.97	34.27	31.61	14.36	14.47	13.45
0	0	0	30.95	31.62	29.79	15.79	15.86	14.29
0	0	0	29.61	29.85	29.33	15.72	16.31	15.64
0	0	0	26.63	29.72	25.68	18.97	19.45	15.66
0	0	0	24.93	25.78	24.05	20.27	20.8	18.57
0	0	0	23.33	24.89	21.7	27.63	28.49	20.01
0	0	0	22.19	23.01	21.31	23.33	30.5	23.33
0	0	0	21.48	22.9	20.33	26.12	33.55	22.93
0	0	0	20.14	21.05	19.36	28.92	29.32	25.21
0	0	0	18.65	20.07	17.4	32.5	32.5	27.48
0	0	0	17.54	17.89	17.14	32.51	33.85	30.61
0	0	0	19.25	21.24	17.46	28.14	32.37	27.94
0	0	0	23.09	25.65	21.11	25.35	28.28	24.89
0	0	0	28.24	29.16	25.55	24.64	25.88	23.27
0	0	0	29.57	31.08	28.48	22.96	26.38	22.89
0	0	0	31.46	32.52	30.63	20.87	23.84	20.81
0	0	0	33.23	34.56	32.2	18.6	20.96	17.95
0	0	0	34.69	35.58	33.83	17.69	19.06	16.71
0	0	0	34.71	36.04	32.39	23.42	23.42	16.32
0	0	0	30.56	33.64	28.48	29.46	33.83	22.11
0	0	0	30.51	31.93	28.87	21.26	29.54	20.15
0	0	0	30.93	31.95	30.18	27.93	29.09	20.02
0	0	0	29.75	30.43	29.33	28.17	32.24	26.53
0	0	0	28.63	30.09	27.11	38.97	39.04	26.47
0	0	0	27	27.24	26.79	34.93	39.03	33.95
0	0	0	26.7	27.2	25.61	37.01	37.16	33.76
0	0	0	24.62	25.88	23.53	49.12	49.39	35.32
0	0	0	22.59	23.6	21.96	53.35	55.44	48.27
0	0	0	21.5	22.09	20.92	51.53	56.13	49.25
0	0	0	20.85	21.7	20.2	54.85	56.17	51.53
0	0	0	20.45	21	20.01	53.87	55.49	49.11
0	0	0	19.59	20.53	18.89	57.91	58.43	51.66
0	0	0	18.43	19.28	17.98	61.51	62	56.47
0	0	0	17.99	18.79	17.4	63.38	63.9	59.2
0	0	0	17.26	17.59	17.07	63.96	65.84	63.12
0	0	0	18.51	20.2	17.46	50.41	64.03	49.96
0	0	0	23.04	25.35	20.14	40.68	50.88	40.26
0	0	0	26.84	28.09	25.22	33.3	40.66	33.24
0	0	0	29.12	30.26	28.03	26.8	33.24	26.66

0	0	0	31.37	32.78	29.98	21.13	27.15	21.13
0	0	0	33.02	33.9	32	19.71	21.88	19.51
0	0	0	33.23	34.38	32.39	21.33	21.79	19.38
0	0	0	32.8	33.78	32.13	20.61	25.45	20.22
0	0	0	33.43	34.15	32.33	21.73	21.73	18.4
0.33	0.33	0.33	23.2	32.33	20.72	69.96	76.67	21.72
0.08	0.41	0.41	20.84	22.09	19.55	81	85.5	61.17
0.03	0.44	0.44	20.99	21.57	20.4	76.86	83.9	69.18
0	0.44	0.44	21.74	21.98	21.38	81	82.6	68.14
0	0.44	0.44	21.24	21.57	21.05	79.49	81.2	74.26
0	0.44	0.44	21.7	22.35	20.98	62.68	80	54.27
0	0.44	0.44	22.13	23.68	21.05	45.48	66.16	44.37
0	0.44	0.44	21.75	23.53	21.05	53.45	66.3	44.63
0	0.44	0.44	21.24	22.06	20.79	59.74	63.98	51.86
0	0	0.44	19.96	21.09	19.03	73.79	73.79	58.3
0	0	0.44	18.83	19.29	18.11	76.08	77.19	65.92
0	0	0.44	18.17	18.95	17.65	74.84	78.23	65.27
0	0	0.44	17.74	18.11	17.39	68.06	79.19	67.93
0	0	0.44	17.5	18.5	16.74	79.27	82.6	64.28
0	0	0.44	16.83	17.47	16.35	79.13	82.6	72.24
0	0	0.44	17.12	18.5	16.54	79.4	79.4	68.65
0	0	0.44	19.66	21.7	17.92	61.64	79.96	60.32
0	0	0.44	23.52	25.83	21.63	45.74	65.28	44.7
0	0	0.44	27.66	29.49	25.74	32.27	47.04	27.84
0	0	0.44	30.42	32.49	29.07	23.83	33.7	22.7
0	0	0.44	32.02	33.5	30.96	24.33	28.76	22.89
0	0	0.44	32.79	33.62	32.26	22.31	25.83	21.2
0	0	0.44	33.04	34.2	32.13	23.87	25.3	20.5
0	0	0.44	32.57	33.53	31.54	25.24	27.13	21.72
0	0	0.44	31.4	32.88	30.63	25.5	26.08	23.54
0	0	0.44	28.73	30.9	26.4	36.69	43.5	23.93
0	0	0.44	27.42	28.2	26.59	39.95	41.64	33.57
0	0	0.44	26.66	27.28	26.46	37.41	41.12	37.21
0	0	0.44	27	27.31	26.47	39.9	39.92	36.43
0	0	0.44	25.64	26.55	24.96	44.31	49.84	39.49
0	0	0.44	24.13	25.55	23.27	56.03	57.3	43.59
0	0	0.44	23.19	23.91	22.93	50.88	57.4	50.29
0	0	0.44	23.71	24.48	23	47.37	52.78	42.15
0	0	0.44	22.05	24.18	20.46	55.38	73.03	42.22
0	0	0.44	22.55	23.68	21.44	59.47	59.47	46.12
0	0	0.44	21.67	22.39	20.53	63.97	65.42	51.4
0	0	0.44	20.15	20.81	19.81	67.36	71.52	61.89
0	0	0.44	19.6	20.21	19.03	74.91	74.98	66.57
0	0	0.44	19.23	20.33	18.76	65.72	76.52	65.27
0	0	0.44	21.58	23.01	20.27	54.92	65.79	53.62
0	0	0.44	23.27	24.01	22.35	47.49	60.13	46.78
0	0	0.44	25.01	25.86	23.85	42.94	48.88	41.06
0	0	0.44	25.86	26.59	25.16	42.29	44.77	40.33

0	0	0.44	26.67	27.32	25.87	36.37	42.89	35.52
0	0	0.44	27.67	29.29	27.05	32.79	37.54	32
0	0	0.44	29.97	31.49	29.13	27.9	33.51	26.48
0	0	0.44	31.24	32.44	30.37	24.78	29.41	24.59
0	0	0.44	30.88	32.58	29.52	28.43	30.77	23.28
0	0	0.44	30.05	31.17	29.2	22.76	31.54	20.87
0	0	0.44	30.94	32.6	29.53	24.06	26.31	20.09
0	0	0.44	30.14	31.06	29.4	31.55	33.65	23.93
0	0	0.44	27.92	29.49	25.75	45.74	45.77	30.57
0.04	0.04	0.48	21.39	25.87	18.83	90	90.7	44.96
0.13	0.17	0.61	18.79	19.22	18.43	86.6	93.8	86.4
0	0.17	0.61	18.83	19.17	18.31	82.7	87.5	78.17
0	0.17	0.61	18.57	18.91	18.24	84.6	89.4	80.7
0	0.17	0.61	18.48	18.83	18.05	87.7	89	76.6
0	0	0.61	17.92	18.3	17.78	83.9	91.4	82.4
0	0	0.61	17.72	17.97	17.53	87.3	89.8	83.4
0	0	0.61	17.5	17.72	17.33	85.1	89.1	83.6
0	0	0.61	17.21	17.58	16.81	87.1	89	82.6
0	0	0.61	16.74	17.03	16.29	92.3	92.5	85.3
0	0	0.61	16.05	16.37	15.83	94.9	95.3	91.3
0	0	0.61	16.36	17.33	15.76	88.8	95.5	87.3
0	0	0.61	18.31	20.45	17.19	72.5	90.3	71.26
0	0	0.61	21.89	22.89	20.07	58.83	75.56	58.04
0	0	0.61	23.46	24.57	22.68	52.05	62.64	51.93
0	0	0.61	25.16	26.08	24.05	50.69	55.37	44.51
0	0	0.61	26.27	27.07	25.35	41.25	51.28	37.21
0	0	0.61	27.68	28.53	26.79	35.78	42.74	32.2
0	0	0.61	26.27	28.45	24.05	55.31	57.35	32.52
0	0	0.61	24.14	25.09	23.14	52.12	59.03	49.65
0	0	0.61	23.1	24.21	22.15	56.42	62.73	49.9
0	0	0.61	20.86	22.24	19.49	79.6	81.1	56.38
0	0	0.61	20.06	20.66	19.48	73.15	80.1	68.79
0	0	0.61	21.13	21.7	20.46	66.32	74.91	59.54
0	0	0.61	21.32	21.85	20.27	71.92	73.43	60.06
0	0	0.61	19.74	20.38	19.37	79.28	80.4	71.65
0	0	0.61	19.64	20.13	19.03	74.71	82.3	71.85
0	0	0.61	19.27	20.03	18.83	86	86.4	73.87
0	0	0.61	18.6	18.9	18.44	84.4	86.4	82.1
0	0	0.61	18.47	18.77	18.24	85.4	88.6	83.8
0	0	0.61	18.63	18.96	18.31	86.4	86.4	80.8
0	0	0.61	18.25	18.62	17.92	87.6	89.7	83.7
0	0	0.61	17.9	18.14	17.72	85.2	89.6	85.2
0	0	0.61	18.01	18.29	17.85	87.7	89.4	84.6
0	0	0.61	17.7	18.11	17.52	89.6	91.4	87.4
0	0	0.61	18.27	18.97	17.52	80.7	89.6	80.7
0	0	0.61	20.16	21.62	18.9	68.33	82.1	68.14
0	0	0.61	22.95	24.18	21.5	56.42	68.22	55.19
0	0	0.61	24.37	25.47	23.33	50.69	58.71	49.58

0	0	0.61	26.03	27.24	24.96	43.84	51.61	42.49
0	0	0.61	26.86	28.19	26.13	42.69	46.57	40.87
0	0	0.61	27.85	28.76	27.18	40.01	42.85	38.71
0	0	0.61	27.44	28.45	27.11	38.19	40.34	34.08
0	0	0.61	27.55	28.88	26.39	37.15	46.92	35.85
0	0	0.61	28.2	29.26	27.57	39.57	41.45	34.68
0	0	0.61	28.22	28.87	27.51	39.96	42.62	38.98
0	0	0.61	26.67	28.73	25.62	48.22	48.73	37.68
0	0	0.61	23.59	25.74	22.03	65.54	65.58	47.18
0	0	0.61	21.78	22.13	21.5	66.19	66.97	64.94
0	0	0.61	20.94	21.57	20.46	66.58	67.49	65.14
0	0	0.61	20.36	20.61	19.94	68.73	69.12	65.66
0	0	0.61	19.35	20.01	18.83	74.68	74.72	68.59
0	0	0.61	18.71	18.96	18.57	74.84	76.22	74.65
0	0	0.61	18.6	18.76	18.44	76.08	76.41	74.38
0	0	0.61	18.29	18.56	17.98	81.2	81.5	76.01
0	0	0.61	17.91	18.11	17.72	83.7	84	81.2
0	0	0.61	17.67	17.85	17.53	84.3	85.5	83.6
0	0	0.61	17.78	17.92	17.72	83	84.6	82.4
0	0	0.61	17.88	18.04	17.79	83	83.6	81.9
0	0	0.61	18.13	18.51	17.92	81.6	84.3	81.3
0	0	0.61	18.92	19.61	18.44	74.39	81.6	74.06
0	0	0.61	19.96	20.46	19.49	69.76	75.05	68.27
0	0	0.61	20.96	21.45	20.26	65.34	70.46	64.16
0	0	0.61	21.87	23.59	21.18	55.19	66.84	53.81
0	0	0.61	24.69	25.82	23.07	46.41	55.2	46.26
0	0	0.61	26.16	26.99	25.1	44.18	47.72	38.38
0.29	0.29	0.9	20.62	25.89	18.18	91.6	91.6	44.18
0.02	0.31	0.92	18.89	19.85	18.24	80.7	92.6	79.02
0	0.31	0.92	20.49	21.37	19.68	70.88	83.2	68.92
0	0.31	0.92	21.74	22.27	21.24	67.88	73.23	63.65
0	0.31	0.92	21.48	21.92	21.05	69.24	71.59	64.88
0	0.31	0.92	21.22	21.44	21.05	67.03	70.82	65.08
0	0.31	0.92	20.71	21.17	20.14	75.43	75.43	66.31
0	0.31	0.92	19.75	20.2	19.35	82.7	83.1	74.52
0	0.31	0.92	19.32	19.66	18.9	82.4	85.6	79.21
0	0.31	0.92	19.1	19.41	18.9	89.5	89.9	80.7
0	0.31	0.92	18.58	19.02	18.05	85.1	89.7	82.3
0	0	0.92	17.81	18.24	17.6	87	91.3	84.6
0	0	0.92	17.51	17.79	17.27	90.9	92	84.5
0	0	0.92	17.43	17.59	17.26	90.1	91.6	88.5
0	0	0.92	17.03	17.59	16.48	91.4	93.1	86.5
0	0	0.92	16.35	16.61	16.22	91.1	92.3	90
0	0	0.92	16.46	16.94	16.23	92.4	92.8	89
0	0	0.92	16.67	17.72	15.96	87.5	94.1	84.8
0	0	0.92	18.88	20.47	17.65	75.18	88.1	74.72
0	0	0.92	22.11	23.3	20.46	58.85	75.64	57.79
0	0	0.92	23.82	24.77	23	48.22	62.34	46.91

0	0	0.92	25.76	26.86	24.7	41.71	53.23	40.34
0	0	0.92	27.44	28.35	26.65	42.88	46.92	40.22
0	0	0.92	27.93	28.8	26.33	51.04	52.27	36.3
0	0	0.92	27.88	28.55	26.86	41.06	50.96	39.3
0.03	0.03	0.95	24.66	27.96	23.07	71.99	76.16	41.06
0	0.03	0.95	23.18	23.93	22.74	65.28	74.34	58.83
0	0.03	0.95	23.42	23.98	22.87	61.18	67.38	59.62
0	0.03	0.95	23.66	24.25	23.13	62.74	66.97	56.88
0	0.03	0.95	23.06	23.55	22.48	73.55	74.06	60.72
0	0.03	0.95	22.13	22.55	21.38	72.24	74.12	67.04
0	0.03	0.95	20.84	21.5	20.46	79.22	81.2	72.51
0	0.03	0.95	20	20.53	19.55	85.7	87.1	79.01
0	0.03	0.95	19.54	19.75	19.42	85.5	89	84.6
0	0.03	0.95	19.71	19.95	19.55	88.7	89.6	84.6
0	0	0.95	19.61	20.26	19.35	87.4	89.2	80.2
0	0	0.95	19.07	19.47	18.7	87.9	89.2	86.4
0	0	0.95	18.61	19.02	18.38	86.2	90.1	86.2
0	0	0.95	18.66	19.03	18.38	89.2	91.5	86
0	0	0.95	18.64	18.88	18.44	87	89.7	86.2
0	0	0.95	18.16	18.97	17.53	83.4	92	83.2
0	0	0.95	18.37	19.28	17.85	89.8	92.2	80.7
0	0	0.95	21.06	22.31	18.71	73.94	89.9	66.97
0	0	0.95	21.61	22.24	21.25	71.46	80.3	69.64
0	0	0.95	23.31	24.95	22.15	58.58	71.59	57.53
0	0	0.95	26.26	27.13	24.83	46.92	61.32	44.77
0	0	0.95	28.34	30.03	27.05	40.02	49.14	37.61
0.2	0.2	1.15	23.97	30.04	21.38	87	87	39.83
0.02	0.22	1.17	20.83	23.19	18.5	87.3	88.7	67.49
0.05	0.27	1.22	18.66	18.95	18.31	88.8	92.4	79.23
0.09	0.36	1.31	18.13	18.51	17.98	95	95.5	88.2
0.04	0.4	1.35	18.26	18.65	18.05	86.7	95.7	86.4
0.01	0.41	1.36	18.67	18.89	18.51	90	92.8	86.8
0	0.41	1.36	18.95	19.18	18.76	89.7	90.8	80.1
0	0.41	1.36	18.74	19.16	18.31	93.1	93.8	87
0	0.41	1.36	18.33	18.56	18.18	93	93.8	89.2
0	0.41	1.36	18.32	18.49	18.18	93.2	94	90.5
0	0.41	1.36	18.42	18.63	18.18	91.9	93.9	90.6
0	0.41	1.36	18.58	18.88	18.44	89.9	93	88.2
0	0	1.36	18.46	18.63	18.31	94.7	95.3	89.8
0	0	1.36	18.05	18.46	17.72	95.1	95.8	93.5
0	0	1.36	17.72	18.11	17.46	93.1	95.4	93.1
0	0	1.36	17.57	17.97	17.26	88.6	94.1	88.5
0	0	1.36	17.9	18.32	17.26	88	89.8	83.2
0	0	1.36	17.47	18.1	16.74	94.6	94.7	84.5
0	0	1.36	17.44	18.49	16.74	89.7	95.3	88
0	0	1.36	19.37	20.59	18.18	82.1	90.6	76.8
0	0	1.36	20.58	22.2	19.87	73.03	84.4	73.03
0	0	1.36	23.13	24.28	22.16	63.92	74.32	61.11



0	0	1.36	24.92	26.84	24.05	50.5	65.73	50.5
0	0	1.36	27.49	28.35	26.53	52.98	56.3	46.53
0	0	1.36	28.25	29.14	25.62	50.37	54.04	41.72
0	0	1.36	23.5	25.62	22.09	66.64	75.33	49.58
0.04	0.04	1.4	20.22	23.33	17.99	88.5	89.8	63.52
0.09	0.13	1.49	18.56	19.02	18.05	92.1	93.9	85.1
0.03	0.16	1.52	18.71	19.04	18.57	88.1	93.9	86.1
0.01	0.17	1.53	18.84	19.17	18.57	86.1	92.2	80.4
0.01	0.18	1.54	19.05	19.31	18.76	92.8	93	86.2
0	0.18	1.54	19.05	19.29	18.9	91.7	94.4	91.5
0	0.18	1.54	18.75	18.96	18.57	93.1	95.2	91.3
0	0.18	1.54	18.35	18.78	18.18	92.2	94.3	90
0	0.18	1.54	17.96	18.3	17.66	96.1	96.2	91.8
0	0.18	1.54	17.77	18.1	17.65	93.5	96.1	93.3
0	0	1.54	18.06	18.3	17.85	96.2	96.3	92.5
0	0	1.54	17.88	18.05	17.78	95.9	96.5	95.3
0	0	1.54	17.79	18.05	17.66	96.8	96.9	95.9
0	0	1.54	17.91	18.29	17.66	94.4	96.8	92.4
0	0	1.54	17.66	18.1	17.33	97.3	97.4	94
0	0	1.54	17.32	17.52	17.2	95	97.4	94.6
0	0	1.54	17.19	17.51	17.07	96.3	97.3	95
0	0	1.54	18.1	19.13	17.4	90.6	96.6	90.5
0	0	1.54	20.45	21.76	19.09	78.15	91.1	78.15
0	0	1.54	23.36	24.96	21.57	54.34	81.2	54.27
0	0	1.54	26.44	27.52	24.9	48.49	59.49	47.96
0	0	1.54	27.15	28.68	26.33	45.28	53.69	42.82
0	0	1.54	28.62	29.31	28.09	46.34	48.94	41.65
0	0	1.54	28.22	28.58	27.57	48.94	51.06	42.88
0	0	1.54	26.11	27.58	25.48	56.55	57.8	48.74
0	0	1.54	25.74	26.18	25.48	57.54	61.12	55.32
0	0	1.54	26.04	26.32	25.87	57.99	59.63	54.47
0	0	1.54	25.94	26.4	24.77	58.18	59.3	51.87
0	0	1.54	24.15	24.83	23.92	61.18	62.16	56.75
0	0	1.54	23.77	24.3	23.01	66.52	66.74	57.01
0	0	1.54	22.82	23.08	22.62	63.01	69.33	61.37
0	0	1.54	21.69	22.77	20.92	73.81	75.51	62.8
0	0	1.54	21.59	22.58	20.92	72.12	75.05	64.3
0	0	1.54	20.66	21.66	20.2	84.9	85.2	71.99
0	0	1.54	20.31	20.85	19.94	83.5	85.8	78.04
0.1	0.1	1.64	19.79	20.34	18.9	89.4	91.2	80.3
0	0.1	1.64	18.99	19.34	18.51	83.8	89.4	83.7
0	0.1	1.64	19.64	20.29	19.03	76.68	85.1	75.76
0	0.1	1.64	19.12	20.33	18.51	90.8	91.1	76.28
0	0.1	1.64	18.6	19.03	18.18	83.7	92	82.8
0	0.1	1.64	19.28	20.52	18.83	78.95	86.5	78.95
0	0.1	1.64	20.79	21.64	20.39	73.25	81.4	72.18
0	0.1	1.64	23.11	24.5	21.63	56.63	73.29	56.56
0	0.1	1.64	25.87	26.66	24.11	51.35	58.89	48.74

0	0.1	1.64	26.24	27.61	25.35	47.7	55.06	46.98
0	0.1	1.64	28.01	29.02	26.98	47.08	49.87	38.97
0	0.1	1.64	29.52	30.47	28.16	38.53	47.45	35.27
0	0.1	1.64	30.5	31.62	29.53	34.63	40.15	32.67
0	0.1	1.64	31.6	32.6	30.76	34.16	36.97	29.48
0	0.1	1.64	30.83	31.97	30.18	34.84	36.96	30.51
0	0.1	1.64	27.56	30.43	24.36	60.38	60.71	34.55
0	0.1	1.64	24.23	24.41	24.05	61.12	63.86	58.7
0	0.1	1.64	24.15	24.45	23.66	63.46	64.01	60.79
0	0.1	1.64	23.22	23.76	22.62	68.93	69.53	63.53
0	0.1	1.64	23.12	23.89	22.55	66.06	69.06	57.85
0	0.1	1.64	22.54	23.75	22.22	55.05	72.37	55.05
0	0.1	1.64	24.11	25.46	22.88	59.16	61.64	49.78
0	0.1	1.64	22.01	23.01	20.85	62.54	69.95	57.13
0	0	1.64	21.88	22.81	21.05	59.55	65.02	57.52
0	0	1.64	21.61	22.76	20.46	76.35	76.62	58.89
0	0	1.64	20.74	21.72	20.27	63.45	77.92	63.45
0	0	1.64	21.57	22.26	20.59	70.81	71.14	59.67
0	0	1.64	20.47	20.71	20.2	73.8	73.8	69.18
0	0	1.64	20.03	20.71	19.62	76.15	78.76	68.53
0	0	1.64	19.8	20.72	19.35	74.46	81.5	74.19
0	0	1.64	20.88	22.11	20.59	69.98	77.39	69.9
0	0	1.64	24.23	25.83	22.1	52.46	70.26	51.42
0	0	1.64	26.43	27.12	25.29	49.46	54.86	43.79
0	0	1.64	27.28	28.68	26.2	41.71	51.22	38.52
0	0	1.64	29.33	30.25	28.09	34.81	44.04	32.27
0	0	1.64	30.65	31.48	29.66	30.71	38	28.1
0	0	1.64	31.27	32.06	30.57	33.12	34.94	29.8
0.06	0.06	1.7	27.69	30.68	21.64	82.4	84	32.4
0.32	0.38	2.02	19.08	22.48	17.46	81.2	92.4	69.9
0	0.38	2.02	19.43	20.9	18.76	65.1	85.2	64.88
0	0.38	2.02	20.52	21.02	19.94	76.48	79.65	65.27
0	0.38	2.02	20.64	20.79	20.46	81.2	83.1	72.64
0	0.38	2.02	20.73	21.35	20.27	78.18	82.9	71.99
0	0.38	2.02	20.12	20.53	19.81	79.21	83.1	77.58
0	0.38	2.02	20.29	20.59	19.68	77.91	79.1	72.05
0	0.38	2.02	19.12	19.82	18.57	85.1	87	76.67
0	0.38	2.02	18.55	19.18	18.05	92.2	92.3	81.3
0	0	2.02	17.9	18.11	17.72	91.8	92.8	90.7
0	0	2.02	17.62	17.9	17.46	89.8	93.2	88.6
0	0	2.02	17.27	17.72	16.87	90.9	94	89.3
0	0	2.02	17.07	17.49	16.68	92.4	93	90.1
0	0	2.02	16.77	17.57	16.42	88.1	94.7	86.6
0	0	2.02	16.56	17.41	16.35	94.1	94.3	88.1
0	0	2.02	17.09	17.98	16.41	89.8	94.6	88.8
0	0	2.02	19.09	20.4	17.92	79.99	89.8	77.26
0	0	2.02	21.98	23.57	20.4	64.89	80.2	64.56
0	0	2.02	24.87	25.8	23.46	57.21	68.67	56.76

0	0	2.02	27.04	28.28	25.68	48.23	61.77	45.43
0	0	2.02	28.65	29.39	27.89	45.75	51.29	41.71
0	0	2.02	29.98	30.96	29.01	41.66	47.71	38.59
0	0	2.02	31.12	32.04	30.63	38.46	43.87	35.66
0	0	2.02	30.3	30.81	29.98	42.3	46.09	38.2
0	0	2.02	30.24	30.49	30.11	42.17	45.12	40.09
0	0	2.02	25.86	30.24	24.37	54.08	54.08	37.36
0	0	2.02	23.72	25.4	22.35	60.07	62.43	51.8
0	0	2.02	22.7	23.14	22.29	66.72	67.77	57.46
0	0	2.02	21.76	22.36	21.38	73.49	73.91	66.12
0	0	2.02	21.26	21.73	20.72	73.95	75.5	69.96
0	0	2.02	20.57	20.95	20.28	74.2	76.47	67.95
0	0	2.02	20.51	22.05	20.14	63.38	75.17	60.71
0	0	2.02	23.16	24.83	21.44	58.38	66.51	46.13
0	0	2.02	21.79	23.01	21.18	67.29	69.05	58.44
0	0	2.02	21.45	22.15	20.79	58.31	71.08	58.17
0	0	2.02	20.69	22.16	19.16	73.81	77.08	57.85
0	0	2.02	19.12	19.63	18.7	77.9	78.99	73.02
0	0	2.02	18.39	18.77	18.11	82.2	82.3	77.39
0	0	2.02	18.22	18.69	17.92	83.2	83.8	77.39
0	0	2.02	18.59	19.54	17.92	78.37	88.6	78.3
0	0	2.02	19.06	19.81	18.64	80.9	86.8	77
0	0	2.02	22.18	24.78	19.35	54.54	80.9	52.52
0	0	2.02	25.43	27.82	24.24	39.3	55.19	39.17
0	0	2.02	28.13	28.88	27.11	38.48	43.86	36.24
0	0	2.02	29.64	31.21	28.49	30.9	38.96	28.37
0	0	2.02	31.33	32.39	30.44	28.69	32.12	26.67
0	0	2.02	30.39	31.91	29.59	36.83	37.36	27.52
0	0	2.02	30.02	31.94	28.61	31.69	42.82	28.56
0	0	2.02	30.91	31.9	29.79	34.88	36.12	30.12
0	0	2.02	27.28	29.81	24.38	53.35	54.09	34.88
0	0	2.02	26.2	27.42	24.51	40.96	58.64	40.93
0	0	2.02	27.45	27.95	26.79	46.79	46.94	40.01
0	0	2.02	26.13	26.8	25.03	54.14	56.51	46.59
0	0	2.02	24.31	25.18	23.14	60.98	64.81	52.32
0	0	2.02	23.08	23.47	22.62	63.06	65.28	59.74
0	0	2.02	22.67	22.96	22.35	61.24	64.89	56.68
0	0	2.02	22.37	22.81	21.19	75.58	75.58	57.2
0	0	2.02	20.7	21.19	20.53	75.37	79.92	74.78
0	0	2.02	20.3	20.79	20.01	77	79.66	74.2
0	0	2.02	19.59	20.21	19.29	77.13	79	75.24
0	0	2.02	19.07	19.68	18.76	80.5	81.3	76.02
0	0	2.02	18.37	19.28	17.59	87.8	88.5	79.86
0	0	2.02	17.94	18.67	17.59	81.1	88	81
0	0	2.02	19.02	19.99	18.57	77.5	82.6	76.8
0	0	2.02	21.3	23.32	19.88	60.91	77.53	60.91
0	0	2.02	24.64	25.14	23.27	54.47	61.06	49.78
0	0	2.02	25.06	25.84	24.5	50.3	58.17	50.18

0	0	2.02	25.28	26.09	24.7	52.65	53.75	49.26
0	0	2.02	23.89	24.76	23.46	57.14	57.79	51.86
0	0	2.02	24.4	25.11	23.66	56.23	58.44	54.08
0	0	2.02	26.01	26.94	24.83	48.74	57.27	47.9
0	0	2.02	26.91	27.64	26.13	44.9	50.24	44.9
0	0	2.02	27.49	28.28	26.72	43.66	46.92	42.56
0	0	2.02	27.89	28.24	27.57	41.84	44.73	40.99
0	0	2.02	27.87	28.23	27.44	39.37	42.82	39.36
0	0	2.02	27.03	27.69	26.46	44.46	44.8	39.3
0	0	2.02	25.35	26.47	24.13	53.68	54.34	44.44
0	0	2.02	23.27	24.24	22.81	58.38	60.25	53.56
0	0	2.02	22	23.13	21.25	66.44	67.43	58.18
0	0	2.02	20.44	21.38	20	69.81	72.52	65.99
0	0	2.02	19.72	20.53	19.09	72.82	77.18	68.07
0	0	2.02	19	19.7	18.24	79.02	79.78	71.39
0	0	2.02	18.43	18.7	18.18	77.13	79.06	75.24
0	0	2.02	17.72	18.41	17.2	82	82.1	76.66
0	0	2.02	17.36	18.26	16.87	73.87	83.3	73.67
0	0	2.02	17.07	18.25	15.96	85.5	86	73.35
0	0	2.02	15.61	16.28	15.18	90.2	91	84.3
0	0	2.02	16.34	17.43	15.31	82.2	90.4	81
0	0	2.02	18.47	20.48	17.2	69.44	83.3	69.44
0	0	2.02	21.74	23.27	20.39	57.92	69.51	57.27
0	0	2.02	24.94	26.47	23.14	44.27	58.85	44.25
0	0	2.02	26.95	27.83	25.87	34.09	45.75	33.89
0	0	2.02	28.85	30.27	27.76	31.1	38	28.42
0	0	2.02	29.85	30.59	29.13	31.68	34.87	29.27
0	0	2.02	31.07	31.68	30.31	28.31	32.66	27.45
0	0	2.02	32.33	32.93	31.67	21.73	28.63	18.73
0	0	2.02	32.73	33.14	32.39	21.6	22.66	19.7
0	0	2.02	33.03	33.44	32.72	21.16	22.35	18.54
0	0	2.02	32.79	33.69	32.2	26.48	26.94	18.86
0	0	2.02	31.74	32.56	31.03	29.22	30.06	25.44
0	0	2.02	29.94	31.09	29.2	34.35	34.74	29.15
0	0	2.02	28.22	29.3	26.01	41.78	47.45	34.29
0	0	2.02	26.5	27.24	25.61	45.29	45.56	40.6
0	0	2.02	24.86	25.7	23.33	53.44	54.02	42.74
0	0	2.02	23	23.41	22.42	55.2	55.2	52.45
0	0	2.02	22.21	22.49	21.83	56.55	56.7	54.07
0	0	2.02	21.71	21.99	21.44	57.27	57.54	55.77
0	0	2.02	21.13	21.58	20.79	56.74	58.44	56.61
0	0	2.02	20.7	21.05	20.34	57.85	58.72	55.83
0	0	2.02	19.94	20.6	19.29	59.6	62.41	57.85
0	0	2.02	19.03	19.92	18.38	61.42	66.08	59.41
0	0	2.02	19.71	21.31	18.7	55.7	67.34	55.63
0	0	2.02	22.41	24.5	21.25	45.16	57.46	44.7
0	0	2.02	25.78	27.17	24.44	38.84	46.07	37.08
0	0	2.02	28.71	30.21	26.98	33.44	40.05	32.47

0	0	2.02	31.79	33.44	30.11	22.05	33.9	19.77
0	0	2.02	33.15	34.02	32.07	20.49	23.82	19.64
0	0	2.02	34.34	35.35	33.05	20.1	22.12	15.93
0	0	2.02	35.11	35.97	34.22	17.95	22.24	14.83
0	0	2.02	35.12	35.8	34.35	18.8	20.11	16.98
0	0	2.02	34.53	35.59	33.96	20.1	20.95	17.89
0	0	2.02	32.98	34.02	31.36	30.71	30.71	18.73
0	0	2.02	29.47	31.54	27.44	29.99	50.77	26.48
0	0	2.02	31.05	31.92	29.98	26.48	31.62	23.94
0	0	2.02	29.78	31.88	27.51	37.48	39.57	19.89
0	0	2.02	25.81	27.76	24.77	43.53	48.96	37.47
0	0	2.02	25.22	26.24	23.79	35.25	52.73	35.25
0	0	2.02	25.78	26.52	24.25	41.39	41.58	34.21
0	0	2.02	22.51	24.25	21.77	49.84	51.96	40.97
0	0	2.02	21.54	22.45	20.8	54.72	58.49	48.4
0	0	2.02	22.17	23	21.44	45.87	54.85	44.56
0	0	2.02	20.09	22.75	19.49	58.83	64.83	45.93
0	0	2.02	19.13	20.12	18.57	66.88	67.43	53.35
0	0	2.02	18.64	19.03	18.37	65.01	70.15	64.48
0	0	2.02	18.63	19.87	17.85	58.73	69.1	58.3
0	0	2.02	19.14	19.89	18.11	68.66	74.19	58.24
0	0	2.02	21.62	23.72	19.68	53.82	69.69	53.62
0	0	2.02	25.76	27.74	23.66	38.13	54.89	38.13
0	0	2.02	30.13	32.23	27.63	25.11	39.66	24.85
0	0	2.02	33.16	34.28	32.13	20.64	26.74	19.45
0	0	2.02	31.39	35.07	27.63	33.77	48.51	19.32
0.05	0.05	2.07	27.32	30.71	23.79	42.36	52.02	23.93
0	0.05	2.07	27.21	29.97	24.84	31.94	48.04	29.59
0	0.05	2.07	29.6	30.5	28.48	23.88	57.09	23.21
0	0.05	2.07	29.9	30.96	28.23	36.7	50.32	23.74
0	0.05	2.07	29.57	30.63	28.48	38.2	46.6	32.32
0	0.05	2.07	31.95	33.12	30.24	34.77	39.76	21.85
0	0.05	2.07	30.4	31.48	29.72	27.19	35.66	25.95
0	0.05	2.07	28.06	30.01	25.94	43.33	44.64	26.99
0	0.05	2.07	25.67	26.39	24.51	43.72	47.83	40.33
0	0.05	2.07	24.11	25.5	23.14	49.26	53.49	38.57
0	0.05	2.07	23.49	24.06	23.14	51.67	53.09	46.89
0	0.05	2.07	22.98	23.34	22.22	52.84	54.8	49.39
0	0	2.07	20.9	22.89	20.01	63.06	65.73	48.47
0	0	2.07	19.89	20.33	19.16	63.56	67.24	61.95
0	0	2.07	19.46	20	19.09	61.89	67.33	61.36
0	0	2.07	18.44	19.83	16.88	70.35	75.62	57.91
0	0	2.07	18.16	19.37	16.81	72.43	73.2	57.58
0	0	2.07	17.01	17.69	16.48	70.41	77	70.34
0	0	2.07	18.53	20.07	17.52	60.29	70.41	58.76
0	0	2.07	20.87	22.42	19.94	55.84	66.9	54.79
0	0	2.07	24.74	26.79	22.36	41.25	57.19	39.94
0	0	2.07	28.78	30.08	26.53	30.97	42.2	29.66

0	0	2.07	31.36	33.44	30.04	22.31	32.79	22.31
0	0	2.07	34.57	35.39	33.44	18.61	23.81	17.82
0	0	2.07	34.23	35.32	32.78	22.96	23.63	17.3
0.13	0.13	2.2	28.25	32.9	21.9	51.14	55.3	21.27
0.01	0.14	2.21	25.95	31.69	22.22	33.64	63.72	27.9
0	0.14	2.21	30.25	32.29	28.67	35.6	40.28	23.28
0	0.14	2.21	28.75	31.18	28.09	25.82	36.5	23.15
0	0.14	2.21	32.28	33.26	31.09	25.51	28.43	20.36
0	0.14	2.21	31.98	32.96	30.44	29.67	32.66	21.59
0	0.14	2.21	28.7	30.55	26.66	34.48	44.41	28.95
0	0.14	2.21	27.33	28.45	26.53	31.35	40.34	27.38
0	0.14	2.21	25.36	27.04	23.92	37.34	47.5	31.22
0	0.14	2.21	25.07	25.83	23.14	45.68	49.85	33.95
0	0.14	2.21	21.99	23.37	21.25	53.68	55.9	44.7
0	0	2.21	20.75	21.64	18.64	70.87	72.67	50.36
0	0	2.21	19.59	20.87	18.05	65.73	72.44	52.24
0	0	2.21	18.91	19.42	18.24	64.94	65.6	56.08
0	0	2.21	17.81	18.43	17.01	69.24	73.68	63.05
0	0	2.21	17.1	17.56	16.81	70.54	73.07	68.97
0	0	2.21	17.02	17.53	16.48	73.6	74.15	66.96
0	0	2.21	17.74	19.74	16.48	64.62	74.78	58.49
0	0	2.21	20.65	23	18.31	61.26	77.5	49.19
0	0	2.21	23.82	26.07	21.7	44.64	63.13	43.01
0	0	2.21	27.88	29.76	25.87	33.25	46.72	31.82
0	0	2.21	30.12	31.16	29.07	32.08	37.15	28.76
0	0	2.21	30.95	32.2	30.18	27.91	34.86	26.61
0	0	2.21	32.87	33.69	32	21.93	29.97	20.81
0	0	2.21	33.99	34.77	33.43	21.65	24.98	19.58
0	0	2.21	34.11	34.73	33.7	22.38	24.36	20.3
0	0	2.21	33.88	34.61	32.59	21.62	23.94	17.89
0	0	2.21	31.96	32.82	30.51	23.6	29.36	20.09
0	0	2.21	30.95	31.29	30.64	22.63	23.93	20.97
0	0	2.21	29.8	31.27	28.55	22.89	34.81	22.66
0	0	2.21	29.46	30.64	27.77	29.2	29.2	21.71
0	0	2.21	26.1	27.87	24.9	38.97	44.6	29.2
0	0	2.21	25.09	25.75	24.57	42.45	42.45	38.97
0	0	2.21	24.5	26.32	23.27	46.32	49.52	34.01
0	0	2.21	23.03	24.7	21.97	50.04	53.81	41.76
0	0	2.21	22.3	22.8	21.77	47.56	52.34	47.5
0	0	2.21	22.11	22.94	21.31	47.3	51.58	44.56
0	0	2.21	21.46	22.07	20.47	49.45	50.66	46.32
0	0	2.21	19.84	20.91	18.18	61.03	63.5	47.62
0	0	2.21	19.14	20.62	17.33	66.24	67.61	49.12
0	0	2.21	17.85	18.35	17.26	64.42	66.9	58.16
0	0	2.21	18.9	20.52	17.79	60.56	66.69	53.42
0	0	2.21	20.52	24.1	19.09	44.96	66.97	42.48
0	0	2.21	25.45	26.38	24.05	37.34	45.24	36.36
0	0	2.21	27.42	28.74	26.33	30.96	38.58	30.51

0	0	2.21	30	31.28	28.68	27.52	31.88	25.56
0	0	2.21	32.04	33.49	30.63	24.14	29.54	23.48
0	0	2.21	33.45	34.35	32.79	21.27	24.86	20.16
0	0	2.21	34.28	35.71	33.44	20.52	23.94	19.58
0	0	2.21	34.01	35.95	31.68	26.68	28.29	19.84
0	0	2.21	30.78	32.34	27.71	46.21	46.67	25.63
0.01	0.01	2.22	27.15	29.68	25.22	29.67	56.69	27.12
0	0.01	2.22	28.73	29.62	27.83	32.53	33.51	24.77
0	0.01	2.22	27.63	28.84	26.98	29.38	38.99	28.75
0	0.01	2.22	27.75	28.96	26.4	38.45	40.14	28.29
0	0.01	2.22	24.54	26.7	23.27	48.63	48.8	36.17
0	0.01	2.22	23.17	23.49	22.81	55.96	56.05	48.54
0	0.01	2.22	22.36	22.92	21.77	59.93	60.26	55.89
0	0.01	2.22	21.06	21.9	20.27	65.08	65.35	59.74
0	0	2.22	19.6	20.35	18.9	70.87	72.57	65.08
0	0	2.22	18.4	19.16	17.95	78.1	78.1	70.81
0	0	2.22	17.9	18.28	17.59	74.65	78.38	73.6
0	0	2.22	17.35	18.36	16.74	78.1	85.8	73.15
0	0	2.22	17.45	18.13	17.07	74.84	85.2	74.84
0	0	2.22	18.21	19.28	17.2	69.05	79.54	68.59
0	0	2.22	20.33	21.85	19.03	56.81	69.69	56.48
0	0	2.22	22.21	23.39	21.64	50.69	57.66	50.49
0	0	2.22	24.23	25.52	23.2	43.72	52.25	43.72
0	0	2.22	26.53	27.88	25.28	37.93	45.11	37.93
0	0	2.22	28.81	29.85	27.57	36.89	39.43	35.13
0	0	2.22	30.46	31.77	29	33.32	38.13	32.73
0	0	2.22	32.7	33.7	31.62	29.55	33.81	27.98
0	0	2.22	33.67	34.73	32.85	28.33	30.27	26.61
0	0	2.22	34.14	34.93	32.98	29.09	29.49	25.64
0	0	2.22	33.66	34.95	32.85	26.68	29.74	24.92
0	0	2.22	29.02	33.51	23.79	61.19	64.11	26.29
0.08	0.08	2.3	22.66	25.82	19.62	76.73	78.76	43.46
0.12	0.2	2.42	19.08	20.25	18.18	87.5	89.6	71.85
0	0.2	2.42	19.74	20.51	18.89	68.4	88.4	68.07
0	0.2	2.42	21.1	22.32	20.14	52.12	70.03	51.79
0	0.2	2.42	21.98	22.59	21.38	68.27	68.79	51.46
0	0.2	2.42	20.87	21.37	20.46	64.1	74.23	62.28
0	0.2	2.42	20.17	21.04	19.75	71.33	76.41	62.41
0	0	2.42	20.49	21.14	20	73.54	76.18	64.1
0	0	2.42	20.03	20.54	19.61	68.27	83.4	65.99
0	0	2.42	19.33	20.27	18.83	77.58	77.98	68.53
0	0	2.42	18.6	18.96	18.18	77.97	79.99	74.84
0	0	2.42	18.15	18.64	17.85	81.2	81.9	73.87
0	0	2.42	17.44	18.17	16.94	84.5	88.7	80.4
0	0	2.42	18.88	20.98	17.27	65.31	84.6	64.1
0	0	2.42	21.19	22.49	19.94	64.07	77.68	60
0	0	2.42	22.7	23.27	21.96	57.98	64.04	55.22
0	0	2.42	23.82	24.43	23	55.7	61.6	53.76

0	0	2.42	25.54	27.61	23.98	45.56	57.6	43.6
0	0	2.42	27.92	28.81	26.85	41.64	48.98	38.65
0	0	2.42	29.39	30.7	28.29	37.68	43.99	34.81
0	0	2.42	30.85	31.94	30.31	33.96	39.05	30.84
0	0	2.42	32.15	32.84	31.68	27.26	33.97	25.57
0	0	2.42	32.86	34.16	32.33	24.01	29.6	20.49
0	0	2.42	33.3	33.99	32.85	22.72	26.35	20.3
0	0	2.42	32.35	33.58	30.76	30.52	30.98	21.66
0	0	2.42	29.71	30.82	27.96	40.09	40.09	29.86
0	0	2.42	27.24	27.96	25.81	48.87	58.39	40.21
0	0	2.42	26.48	27.18	25.49	51.41	57.62	43.47
0.03	0.03	2.45	24.84	26.66	23.14	44.9	72.46	39.88
0	0.03	2.45	24.74	25.55	23.92	46.65	53.43	40.27
0	0.03	2.45	24.86	26.72	22.75	52.32	54.66	31.15
0	0	2.45	24.24	27.5	22.48	28.03	53.12	26.33
0	0	2.45	23.2	27.4	22.49	48.47	51.47	28.74
0	0	2.45	23.03	23.92	21.51	57.91	60.53	44.24
0	0	2.45	21.33	21.77	20.92	50.88	60.46	50.88
0	0	2.45	20.79	22.47	19.75	58.5	65.14	47.75
0	0	2.45	19.83	20.26	18.9	63.64	66.1	55.11
0	0	2.45	19.4	21.26	17.99	62.32	73.4	59.41
0	0	2.45	21.53	23.91	20.59	50.63	66.08	47.88
0	0	2.45	25.06	26.66	23.27	40.58	55.45	39.03
0	0	2.45	26.81	28.09	26.07	40.67	44.96	39.49
0	0	2.45	29.16	30.2	27.96	35.52	41.78	33.57
0	0	2.45	31.19	32.39	29.92	29.8	36.63	28.82
0	0	2.45	32.65	33.57	31.94	26.64	32.02	25.57
0	0	2.45	33.71	34.74	32.91	25.3	29.19	22.25
0	0	2.45	34.31	34.88	33.82	23.23	26.03	21.8
0	0	2.45	34.64	35.2	34.22	21.08	24.84	20.23
0.03	0.03	2.48	29.43	34.34	22.1	67.56	68.79	20.82
0.01	0.04	2.49	23.46	24.89	22.09	46.23	77.98	43.85
0	0.04	2.49	28.9	31.6	24.57	31.42	47.11	16.05
0	0.04	2.49	26.51	27.92	25.49	31.83	41.75	29.42
0	0.04	2.49	28.28	32	25.55	15.73	39.83	14.03
0	0.04	2.49	27.27	31.75	23.6	53.25	53.76	14.94
0	0.04	2.49	23.15	24.07	22.55	56.49	59.86	50.95
0	0.04	2.49	22.76	23.3	22.16	58.31	60.33	52.84
0	0	2.49	21.9	22.66	21.18	59.56	60.91	55.37
0	0	2.49	21.12	21.45	20.59	56.87	62.4	55.44
0	0	2.49	21.32	21.52	21.18	54.59	57.74	54.59
0	0	2.49	20.54	21.64	19.09	68.92	70.5	54.59
0	0	2.49	18.75	19.16	18.38	70.15	75.3	67.75
0	0	2.49	18.64	19.38	18.31	76.54	76.54	68.59
0	0	2.49	18.16	18.7	17.6	80.3	81.5	76.08
0	0	2.49	20.14	21.98	18.64	69.77	80.4	68.73
0	0	2.49	24.07	26.23	21.96	52.84	69.86	52
0	0	2.49	27.1	28.74	25.94	43.62	54.93	43.47



0	0	2.49	28.81	29.52	28.16	37.19	46.47	35.52
0	0	2.49	30.62	31.96	29.33	25.63	38.01	25.04
0	0	2.49	31.64	32.26	31.22	23.29	28.84	20.55
0	0	2.49	32.59	33.28	31.81	21.53	26	20.68
0	0	2.49	33.72	34.6	32.72	20.95	23.29	19.45
0	0	2.49	33.61	34.18	32.79	29.22	29.35	20.68
0	0	2.49	32.29	33.44	31.61	32.93	32.93	28.17
0	0	2.49	30.57	32.3	29.14	34.62	35.54	23.87
0	0	2.49	27.5	29.19	26.46	33.96	51.03	28.81
0	0	2.49	27.33	27.63	27.11	34.61	37.54	33.37
0	0	2.49	27.33	27.77	26.08	46.15	46.15	33.17
0	0	2.49	24.86	26.1	23.46	57.4	59.43	44.76
0	0	2.49	23.79	25.23	23.07	50.37	57.66	46.26
0	0	2.49	24.32	24.9	22.94	53.88	54.47	46.2
0	0	0	23.1	24.58	21.83	57.93	58.25	47.3
0	0	0	21.54	22.19	21.12	57.98	61.4	56.68
0	0	0	20.57	21.83	19.62	67.88	72.56	57.98
0	0	0	21.01	21.57	20.01	62.73	67.87	59.34
0	0	0	19.2	20.74	18.11	76.29	79.94	61.82
0	0	0	18.86	20.29	17.46	79.4	81.6	63.31
0	0	0	18.62	19.95	17.47	69.9	81.7	69.9
0	0	0	21.39	22.97	19.87	58.74	70.36	58.74
0	0	0	25.61	27.58	22.88	45.16	58.89	42.55
0	0	0	27.46	28.58	26.59	39.53	47.97	39.11
0	0	0	29.58	31.14	28.29	33.49	40.55	32.14
0	0	0	31.57	33.08	30.38	30.26	34.68	26.74
0	0	0	32.1	33.23	31.29	31.39	33.07	29.22
0	0	0	32.02	33.71	31.02	26.48	31.59	25.24
0.14	0.14	0.14	31.75	33.76	25.36	62.16	69.2	25.5
0.13	0.27	0.27	24.97	27.96	22.36	50.38	70.69	43.73
0	0.27	0.27	28.06	29.97	26.4	30.76	50.04	30.54
0	0.27	0.27	29.15	29.8	28.35	40.35	51.88	30.12
0	0.27	0.27	27	29.46	25.75	51.09	53.23	40.48
0	0.27	0.27	24.93	25.81	24.38	51.64	61.38	46.65
0	0.27	0.27	23.95	25.29	23.33	55.45	61.44	51.87
0	0.27	0.27	23.1	23.78	22.42	60.97	66.59	52.84
0	0.27	0.27	22.14	22.94	21.7	54.99	68.27	54.92
0	0.27	0.27	21.5	23	19.75	75.17	75.89	52.95
0	0	0.27	19.44	20.38	18.76	68.16	80.8	67.61
0	0	0.27	19.87	20.28	19.29	73.22	73.22	65.14
0	0	0.27	18.46	19.36	17.72	76.6	85.3	68.92
0	0	0.27	18.05	19.04	17.4	83.5	85	69.63
0	0	0.27	17.18	17.59	16.81	87.7	87.7	82.6
0	0	0.27	16.36	16.88	16.09	87.1	90	87.1
0	0	0.27	16.96	17.7	16.29	80.7	88.5	80.7
0	0	0.27	18.69	20.4	17.66	68.47	87.2	67.36
0	0	0.27	22.13	23.78	20.33	58.76	70.07	56.29
0	0	0.27	25.17	26.65	23.52	45.03	59.29	43.21

0	0	0.27	27.69	28.69	26.46	42.88	48.03	39.43
0	0	0.27	29.04	30.18	28.35	38.85	43.67	36.05
0	0	0.27	27.92	28.65	26.93	36.43	43.21	31.35
0	0	0.27	25.09	26.86	23.33	51.21	51.4	35.52
0	0	0.27	23.33	24.6	22.88	42.08	57.54	42.08
0.01	0.01	0.28	22.74	24.83	21.57	57.33	69.78	40.85
0	0.01	0.28	21.7	22.49	20.72	57.79	72.77	51.21
0	0.01	0.28	21.43	22.93	20.2	71.39	75.84	55.51
0.01	0.02	0.29	20.23	21	19.61	65.94	77.98	62.08
0	0.02	0.29	20.93	22.41	20.33	49.19	68.8	48.47
0	0.02	0.29	19.27	22.55	18.18	79.79	83.3	48.47
0	0.02	0.29	18.89	19.32	18.37	74.46	79.91	72.18
0	0.02	0.29	19.42	19.87	18.96	78.5	78.5	65.73
0	0.02	0.29	19.03	20.29	18.18	64.6	83.3	64.23
0	0	0.29	20.05	20.42	19.81	62.28	67.62	59.66
0	0	0.29	18.74	20.06	18.05	79.93	80.4	60.71
0	0	0.29	19	21.4	17.85	57.52	84.1	55.57
0	0	0.29	19.22	21.25	17.92	73.55	79.56	57.52
0	0	0.29	17.73	18.8	17.13	81.4	83.3	73.54
0	0	0.29	17.12	17.52	16.68	83.1	86.5	79.79
0	0	0.29	17.5	18.32	17.13	78.69	83.5	78.69
0	0	0.29	20.97	22.55	18.25	62.08	79.4	57.98
0	0	0.29	23.35	24.37	22.22	50.04	64.24	49.65
0	0	0.29	25.14	26.09	24.24	44.25	53.17	43.68
0	0	0.29	27.33	28.81	25.87	38.91	46.85	35.85
0	0	0.29	29.11	30.04	28.28	37.35	41.19	35.2
0	0	0.29	30.14	31.66	29.39	33.38	41.65	30.84
0	0	0.29	31.21	31.74	30.57	30.78	34.95	29.47
0	0	0.29	30.94	31.67	30.37	32.27	34.75	29.6
0	0	0.29	31.39	31.95	30.83	32.14	33.38	28.76
0	0	0.29	31.36	31.73	30.76	35.2	36.77	28.5
0	0	0.29	30.66	31.35	30.11	35.4	37.48	33.19
0	0	0.29	29.83	30.43	29.13	39.11	40.48	34.94
0	0	0.29	27.79	29.23	26.53	47.41	47.41	39.11
0	0	0.29	26.11	26.69	25.49	49.65	49.65	45.55
0	0	0.29	24.15	25.74	23.27	55.25	59.35	49.78
0	0	0.29	23.42	24.3	22.75	51.47	58.52	51.14
0	0	0.29	23.62	24.43	22.55	51.93	57.96	50.23
0	0	0.29	23.07	24.23	21.25	62.6	62.6	50.11
0	0	0.29	20.33	21.26	19.55	69.51	71.27	62.67
0	0	0.29	19.63	20.49	18.71	73.96	75.36	64.42
0	0	0.29	18.63	19.26	18.24	73.93	76.74	70.61
0	0	0.29	17.78	18.58	17.46	80.1	81.8	73.93
0	0	0.29	17.49	18.7	16.87	77.97	83.4	74.39
0	0	0.29	17.4	19.15	16.23	76.28	88.7	75.95
0	0	0.29	20.65	22.66	19.03	63.59	78.16	63.26
0	0	0.29	24.91	26.68	22.61	45.09	63.98	44.18
0	0	0.29	28.13	29.07	26.53	39.76	45.23	36.5

0	0	0.29	29.71	30.57	28.74	33.51	40.87	33.51
0	0	0.29	31.01	31.74	30.24	34.88	37.29	31.23
0	0	0.29	30.74	31.63	29	28.79	38.72	28.76
0	0	0.29	32.06	33.62	30.83	24.72	32.02	24.53
0	0	0.29	33.26	34.16	32.26	23.61	26.55	22.44
0	0	0.29	33.52	34.15	33.11	21.73	24.92	20.82
0	0	0.29	33.2	33.88	32.52	22.9	24.43	21.07
0	0	0.29	32.91	33.39	32.52	22.38	24.24	20.55
0	0	0.29	31.77	32.64	30.77	25.17	26.55	22.24
0	0	0.29	29.08	30.9	27.7	31.03	31.57	24.85
0	0	0.29	26.73	27.83	25.55	34.34	38.37	30.96
0	0	0.29	26.12	26.6	25.75	36.36	36.4	33.43
0	0	0.29	25.52	25.93	25.16	39.43	39.63	36.17
0	0	0.29	25.02	25.3	23.99	43.72	43.72	39.3
0	0	0.29	22.65	24.17	21.25	51.4	53.16	43
0	0	0.29	21.93	22.31	21.38	50.16	52.23	49.57
0	0	0.29	21.36	22.48	19.81	58.3	58.34	49.32
0	0	0.29	19.8	20.79	19.16	54.13	60.89	52.7
0	0	0.29	19.56	20.9	17.98	62.4	62.93	52.31
0	0	0.29	18.14	18.96	17.53	62.92	64.16	56.66
0	0	0.29	19.22	21.44	17.65	61.75	65.4	54.85
0	0	0.29	22.66	24.71	20.33	47.33	63.47	45.61
0	0	0.29	25.82	26.73	24.51	37.41	47.27	36.43
0	0	0.29	27.95	29.54	26.59	28.17	37.41	27.84
0	0	0.29	30.92	32.38	29.39	19.51	29.47	18.72
0	0	0.29	32.03	32.74	31.35	18.53	21.39	17.29
0	0	0.29	32.93	33.63	32.27	19.41	19.9	16.45
0	0	0.29	33.43	34.01	32.72	19.58	20.88	16.77
0	0	0.29	33.67	34.48	33.11	19.64	21.07	16.45
0	0	0.29	33.81	34.5	33.17	15.87	19.78	15.67
0	0	0.29	33.71	34.46	33.17	15.15	16.66	13.32
0	0	0.29	33.13	33.59	32.65	15.4	16.29	14.17
0	0	0.29	31.99	32.89	30.64	16.12	16.47	13.58
0	0	0.29	28.68	30.75	27.38	20.41	20.69	15.66
0	0	0.29	25.52	27.46	23.92	25.61	27.31	20.01
0	0	0.29	24.29	25.1	23.6	22.48	27.53	22.42
0	0	0.29	24.12	25.09	23.4	23.98	25.75	22.29
0	0	0.29	23.82	24.78	23.4	24.37	24.65	22.48
0	0	0.29	20.22	23.86	17.53	38.95	44.26	23.52
0	0	0.29	18.37	19.43	17.79	36.35	43.12	36.02
0	0	0.29	18.71	20.6	16.16	39.4	46.35	31.07
0	0	0.29	17.08	18.39	15.9	39.01	46.72	35.88
0	0	0.29	15.77	17.79	14	55.72	56.2	37.71
0	0	0.29	14.02	14.83	13.09	58.09	59.28	52.1
0	0	0.29	14.91	16.54	13.28	46.76	58.24	45.78
0	0	0.29	17.69	19.81	16.22	41.1	49.82	40.84
0	0	0.29	22.44	24.63	19.81	31.4	41.1	31.15
0	0	0.29	26.82	28.74	24.5	21.52	31.86	21.13

0	0	0.29	30.93	32.61	28.48	12.28	21.91	10.32
0	0	0.29	32.8	33.62	31.74	12.41	14.31	11.69
0	0	0.29	33.57	34.41	32.72	13.16	14.49	12.09
0	0	0.29	34.75	35.5	33.7	10.59	14.05	9.03
0	0	0.29	35.23	36.3	34.54	8.97	10.92	8.06
0	0	0.29	35.42	35.98	34.74	8.19	9.75	7.663
0	0	0.29	35.68	36.37	35.2	8.53	9.42	7.601
0	0	0.29	35.17	35.52	34.87	8.38	9.56	7.662
0	0	0.29	34.3	35.17	33.05	10.39	11.22	7.988
0	0	0.29	31.31	33.11	30.11	12.14	13.44	10.39
0	0	0.29	27.94	30.53	26.07	18.03	18.66	11.03
0	0	0.29	25.37	26.26	24.77	18.76	19.31	17.4
0	0	0.29	24.83	25.55	24.18	19.32	19.32	17.4
0	0	0.29	23.7	24.94	22.82	21.7	21.9	18.25
0	0	0.29	21.67	23.59	18.44	32.69	36.05	20.98
0	0	0.29	21.61	23.07	18.62	25.02	32.75	21.5
0	0	0.29	18.46	21.11	17.65	33.6	39.56	24.89
0	0	0.29	17.76	18.39	16.81	34.26	37.85	33.41
0	0	0.29	16.29	17.08	15.77	42.07	43.24	33.93
0	0	0.29	16.55	17.42	15.77	33.8	42.72	33.41
0	0	0.29	16.61	18.83	14.26	36.41	47.81	32.95
0	0	0.29	21.28	23.2	18.24	30.16	36.87	23.06
0	0	0.29	24.27	26.48	21.64	23.63	30.23	23.59
0	0	0.29	28.96	30.95	26.46	18.2	23.82	16.7
0	0	0.29	31.3	32.53	30.24	16.06	18.97	16.05
0	0	0.29	33.29	34.42	32.33	9.74	16.58	8.96
0	0	0.29	34.53	35.21	33.83	12.74	13.88	9.48
0	0	0.29	35.06	35.73	34.29	12.68	14.19	12.22
0	0	0.29	35.48	36.39	34.8	11.64	13.01	11.38
0	0	0.29	35.37	36.56	34.22	11.77	12.82	11.31
0	0	0.29	35.64	36.55	34.8	13.13	13.72	11.44
0	0	0.29	35.29	36.3	34.48	15.93	16.24	12.55
0	0	0.29	33.92	34.87	32.78	18.01	18.36	15.22
0	0	0.29	31.13	32.89	29.66	24.78	24.79	17.68
0	0	0.29	29.13	29.78	28.42	26.92	27.07	24.71
0	0	0.29	27.69	28.55	26.53	28.09	30.7	26.73
0	0	0.29	27.45	27.93	26.85	32.26	32.28	27.83
0	0	0.29	26.61	26.99	26.33	33.35	33.4	32.19
0	0	0.29	25.9	26.58	24.31	38.64	38.69	32.98
0	0	0.29	23.19	24.41	22.35	44.76	44.76	38.7
0	0	0.29	22.81	23.14	22.36	53.35	53.45	44.76
0	0	0.29	21.45	22.45	20.66	68.46	68.47	53.36
0	0	0.29	20.45	20.73	19.94	71.72	71.75	68.39
0	0	0.29	19.65	20.03	19.29	73.67	73.73	71.59
0	0	0.29	19.7	22.16	18.51	64.04	77.01	63.9
0	0	0.29	22.52	23.46	21.83	62.75	67.91	61.63
0	0	0.29	23.53	24.39	23.07	58.18	63.2	58.18
0	0	0.29	25.4	26.65	24.11	48.53	59.03	48.29

0	0	0.29	27.87	29.27	26.2	37.08	48.7	36.3
0	0	0.29	29.51	30.89	28.48	33.64	38.92	33.44
0	0	0.29	31.29	32.77	29.79	29.39	35.49	27.26
0	0	0.29	32.67	33.9	31.81	25.31	30.07	24.72
0	0	0.29	33.81	34.67	32.91	19.38	25.95	19.26
0	0	0.29	34.62	35.54	33.96	13.78	19.7	10.66
0	0	0.29	33.45	35.94	31.02	17.81	18.16	13.39
0	0	0.29	32.46	33.92	30.05	26.6	26.67	12.8
0	0	0.29	26.02	30.11	24.11	41.83	42.42	26.67
0	0	0.29	24.21	24.5	23.98	41.44	43.29	40.98
0	0	0.29	23.61	24.37	22.81	46.45	46.59	40.39
0	0	0.29	22.68	23.13	22.16	47.75	47.83	43.78
0	0	0.29	21.88	22.29	21.38	48.61	49.29	47.23
0	0	0.29	21.96	22.62	21.12	46.06	49.63	43.52
0	0	0.29	21.09	21.77	20.53	46.6	49.98	45.53
0	0	0.29	21.18	21.9	20.59	52.58	53.12	46.64
0	0	0.29	19.52	20.91	18.37	60.64	60.9	51.26
0	0	0.29	18.19	18.74	17.72	63.25	63.33	60.39
0	0	0.29	17.8	18.23	17.46	63.31	64.17	59.14
0	0	0.29	17.27	18.09	16.55	63.25	67.4	60.96
0	0	0.29	18.84	20.49	17.4	56.28	64.83	56.21
0	0	0.29	21.53	22.29	20.46	48.67	56.33	48.02
0	0	0.29	22.72	23.82	21.9	43.41	49.38	43.39
0	0	0.29	24.86	26.54	23.59	37.83	44.76	37.54
0	0	0.29	27.16	28.23	25.75	36.7	39.49	35
0	0	0.29	29.1	30.01	27.63	34.16	37.04	32.66
0	0	0.29	30.4	31.44	29.72	31.49	34.24	30.18
0	0	0.29	31.46	32.31	30.89	26.74	32.08	26.41
0	0	0.29	32.61	33.39	31.74	27.4	27.57	24.66
0	0	0.29	32.53	33.31	31.48	30.77	30.93	26.74
0.06	0.06	0.35	23.35	31.57	18.83	63.84	74.2	30.77
0.02	0.08	0.37	21.4	25.95	19.03	71	75.84	26.58
0.02	0.1	0.39	19.53	21.56	18.18	67.16	79.08	48.01
0	0.1	0.39	19.97	21.46	18.96	57.39	74.07	48.21
0	0.1	0.39	20.74	21.34	20.2	52.38	60.16	50.32
0	0.1	0.39	20.25	21.25	19.48	58.88	64.82	51.21
0	0.1	0.39	18.99	19.81	18.37	65.66	67.81	58.63
0	0.1	0.39	18.67	19.16	17.79	67.74	70.74	56.6
0	0	0.39	17.52	18.05	16.87	68.13	76.74	64.22
0	0	0.39	18.77	19.48	17.79	59.21	68.36	56.61
0	0	0.39	17.43	19.15	16.02	81.8	82.3	59.21
0	0	0.39	16.36	17.09	15.96	71.97	83.2	71.97
0	0	0.39	16.1	17.15	15.31	79.27	85.7	68.38
0	0	0.39	15.41	16.17	14.91	83	84.9	79.26
0	0	0.39	15.12	15.63	14.85	87.1	89.4	79.13
0	0	0.39	16.47	18.04	15.37	71.97	87.2	71.97
0	0	0.39	19.93	21.39	17.99	58.5	73.8	57
0	0	0.39	22.56	24.51	21.18	44.11	58.38	41.96

0	0	0.39	25.1	26.55	24.37	43.79	46.72	42.49
0	0	0.39	26.96	28.03	25.94	39.5	45.35	37.74
0	0	0.39	28.31	29.29	27.5	38.77	41.33	36.37
0	0	0.39	29.64	30.8	28.48	33.12	39.5	32.53
0	0	0.39	30.5	31.41	29.72	29.05	34.16	26.93
0	0	0.39	31.53	32.12	30.7	31.1	31.14	24.59
0	0	0.39	31.42	31.93	31.02	31.36	32.05	29.41
0	0	0.39	31	31.52	30.05	36.05	36.12	30.52
0.08	0.08	0.47	27.34	30.09	21.77	61.57	64.28	34.81
0.02	0.1	0.49	22.77	26.65	19.35	31.35	72.69	27.29
0.01	0.11	0.5	21.08	26.33	19.35	59.15	72.25	28.55
0	0.11	0.5	23.73	25.48	20.52	35.91	61.84	30.69
0	0.11	0.5	24.1	25.44	22.42	42.22	42.87	28.8
0	0.11	0.5	22.66	23.03	22.16	46.46	47.07	41.57
0	0	0.5	21.68	22.87	20.27	57.72	62.87	46.52
0	0	0.5	19.42	21.08	18.57	68.99	71.52	57.52
0	0	0.5	20.16	20.71	19.16	68.21	69.24	63.71
0	0	0.5	19.91	20.4	19.16	70.29	70.51	66.84
0	0	0.5	18.59	19.23	17.98	73.41	73.41	69.37
0	0	0.5	17.92	18.24	17.66	72.11	74.91	71.58
0	0	0.5	18.09	19.21	17.39	63.64	78.41	63.18
0	0	0.5	20.34	21.58	19.09	56.29	64.43	55.11
0	0	0.5	22.56	23.47	21.5	52.58	56.81	52.45
0	0	0.5	23.78	24.31	23.27	53.16	54.69	50.62
0	0	0.5	25.49	26.68	24.18	45.75	53.03	45.68
0	0	0.5	26.84	27.77	26.07	44.71	48.09	42.36
0	0	0.5	28.73	29.71	27.63	37.81	44.97	35.39
0	0	0.5	30.04	31.4	29	30.31	37.97	28.3
0	0	0.5	30.97	32.2	29.72	22.5	31.49	19.7
0	0	0.5	30.38	31.68	29.91	24.65	26.28	20.94
0	0	0.5	29.49	29.96	29.2	29.01	30.84	24.65
0	0	0.5	29.04	29.64	27.38	39.43	39.43	27.32
0	0	0.5	26.78	27.69	26.01	42.81	43.53	35.71
0	0	0.5	25.26	26.19	24.18	41.31	53.23	37.14
0	0	0.5	24.42	25.15	23.79	41.05	43.91	39.62
0	0	0.5	23.1	23.91	22.62	44.95	46.59	41.05
0	0	0.5	21.2	22.94	20.2	47.88	55.11	42.35
0	0	0.5	21.58	22.34	20.79	50.94	50.94	44.17
0	0	0.5	19.69	20.82	18.37	63.05	63.89	49.9
0	0	0.5	17.73	18.46	17.07	68.33	68.58	57.84
0	0	0.5	17.22	17.66	17	68.98	69.3	64.28
0	0	0.5	16.64	17.13	16.35	69.44	72.8	68.52
0	0	0.5	16.62	17.38	15.7	70.73	70.73	62.59
0	0	0.5	15.85	17.06	14.59	75.74	75.74	61.22
0	0	0.5	15.58	16.65	14.59	70.67	76.65	68.97
0	0	0.5	18.23	19.88	16.48	53.54	71.06	53.54
0	0	0.5	21.84	23.47	19.74	45.48	54.64	44.63
0	0	0.5	24.31	25.75	23.01	39.23	46.98	39.23

0	0	0.5	26.47	27.65	25.29	28.44	40.14	28.16
0	0	0.5	28.58	29.84	26.98	26.21	30.6	24.19
0	0	0.5	30.41	31.22	29.46	24.25	26.89	22.76
0	0	0.5	31.84	32.83	30.89	21.2	24.25	20.29
0	0	0.5	32.29	33.37	31.16	21.71	22.85	19.31
0	0	0.5	32.14	33.75	31.09	22.7	22.91	20.03
0	0	0.5	27.81	31.41	23.53	37.27	53.23	22.17
0.01	0.01	0.51	25.17	27.56	22.42	54.27	59.03	29.14
0.11	0.12	0.62	20.89	23.22	19.62	62.53	73.94	43.06
0	0.12	0.62	20.99	21.77	20.2	54.2	64.95	49.84
0	0.12	0.62	21.64	22.51	21.05	43.58	55.1	43.45
0	0.12	0.62	22.58	23.14	22.35	41.7	45.54	39.68
0	0.12	0.62	21.59	22.88	19.87	54.2	57.24	40.07
0	0.12	0.62	19.01	20.2	17.92	67.29	68.33	54.13
0	0	0.62	19.06	19.84	18.05	54.77	67.22	54.65
0	0	0.62	19.59	20	19.16	56.48	59.02	54.26
0	0	0.62	19.61	19.97	19.16	61.24	61.62	54.59
0	0	0.62	19.17	20.13	17.99	62.41	68.83	56.21
0	0	0.62	17.17	19.09	16.42	79.07	80.3	62.21
0	0	0.62	16.34	16.77	15.96	81.6	82.4	76.27
0	0	0.62	16.82	18.77	16.02	70.41	83.3	69.04
0	0	0.62	20.71	21.89	18.76	55.38	70.8	54.14
0	0	0.62	23.07	23.98	21.64	51.28	56.55	49.91
0	0	0.62	24.59	25.42	23.72	49.78	53.3	47.63
0	0	0.62	26.72	27.7	25.35	43.99	50.16	42.36
0	0	0.62	28.33	29.54	26.92	36.83	45.16	33.77
0	0	0.62	29.85	31.04	28.88	29.41	37.45	27.64
0	0	0.62	31.07	31.98	30.37	28.04	30.38	25.44
0	0	0.62	30.33	32.01	25.62	39.23	39.33	24.39
0	0	0.62	26.2	27.2	25.02	37.73	43.82	35.25
0	0	0.62	25.57	26.78	24.77	42.61	45.95	36.62
0	0	0.62	24	24.88	23.72	42.15	44.37	41.37
0	0	0.62	24.05	24.27	23.86	44.24	44.5	40.2
0	0	0.62	23.28	24	22.41	50.22	50.95	43.19
0	0	0.62	22.2	23.04	21.77	43.85	52.47	43.78
0	0	0.62	22.23	23.44	21.05	54.33	54.92	41.31
0	0	0.62	21.32	22.36	20.66	55.7	55.96	46.12
0	0	0.62	20.06	21.18	18.77	64.42	65.66	51.66
0	0	0.62	19.62	20.08	18.77	58.95	64.59	55.82
0	0	0.62	19.61	20.49	19.16	57.65	60.06	53.5
0	0	0.62	19.09	20.07	17.6	68.07	68.5	55.63
0	0	0.62	17.17	17.72	16.81	68.65	75.05	65.2
0	0	0.62	16.3	17.13	15.7	74.06	76.38	67.6
0	0	0.62	15.59	16.15	14.85	75.29	80.5	72.62
0	0	0.62	16.08	17.01	15.57	72.04	78.03	71.64
0	0	0.62	18.69	20.59	16.94	58.04	72.52	57.19
0	0	0.62	22.62	24.37	20.53	45.93	59.29	45.22
0	0	0.62	25.52	26.59	24.11	44.25	47.12	43.66

0	0	0.62	27.58	29.32	26.33	35.39	44.58	34.81
0	0	0.62	29.8	31.1	29	22.26	35.98	21.98
0	0	0.62	30.05	30.99	29.46	28.03	28.03	22.24
0	0	0.62	28.62	29.63	26.59	42.68	42.88	27.64
0	0	0.62	27.2	29.59	26.59	35.14	42.81	16.49
0	0	0.62	26.94	28.36	25.29	38.45	39.85	24.18
0	0	0.62	24.04	25.37	23.07	43.59	44.71	33.17
0	0	0.62	23.72	25.58	22.62	35.45	49.17	34.99
0	0	0.62	25.26	25.82	24.45	37.73	37.79	33.43
0	0	0.62	24.05	24.65	23.01	41.05	42.65	35.25
0	0	0.62	22.89	24.05	22.22	47.24	48.93	38.12
0	0	0.62	20.54	22.49	19.61	64.1	64.31	47.23
0	0	0.62	19.43	19.88	19.09	62.67	67.09	61.81
0	0	0.62	19.68	20.27	19.22	57.88	64.42	57.78
0	0	0.62	19.83	20.26	19.61	60.32	61.63	57.84
0	0	0.62	18.87	19.94	17.72	73.27	73.61	59.93
0	0	0.62	18.04	18.57	17.72	66.24	73.34	66.18
0	0	0.62	17.93	19.03	16.94	77.51	77.52	63.05
0	0	0.62	16.54	17.01	16.03	83.4	83.4	77.52
0	0	0.62	15.65	16.13	15.3	81.9	85	81.6
0	0	0.62	16.69	18.34	15.5	67.28	82.8	67.21
0	0	0.62	18.66	19.22	18.11	68.59	71.06	61.36
0	0	0.62	20.59	22.95	19.03	47.76	68.46	47.1
0	0	0.62	24.25	25.23	22.87	42.1	47.82	40.01
0	0	0.62	25.89	26.82	24.76	38	42.16	38
0	0	0.62	26.67	27.1	26.2	38.71	39.71	37.28
0	0	0.62	27.79	28.99	26.59	35.01	39.22	33.5
0	0	0.62	29.2	30.29	28.48	27.84	35.07	27.71
0	0	0.62	30.63	31.91	29.85	25.56	28.56	23.48
0	0	0.62	29.44	30.52	28.61	29.6	30.45	25.5
0	0	0.62	26.69	28.88	22.75	58.7	62.22	29.4
0	0	0.62	22.31	23.52	21.71	56.81	63.52	49.97
0	0	0.62	22.43	22.83	22.09	52.64	57.73	49.45
0	0	0.62	21.58	22.61	20.99	64.05	64.05	51.92
0	0	0.62	20.16	21.13	19.75	67.84	76.55	62.99
0	0	0.62	20.14	20.57	19.61	72.63	74.03	64.88
0	0	0.62	19.87	20.48	19.55	75.64	76.2	63.97
0	0	0.62	19.54	19.94	18.96	68.7	79.79	67.68
0	0	0.62	19.29	19.75	18.77	74.72	75.84	68.34
0	0	0.62	18.81	19.09	18.57	75.3	77.5	73.99
0	0	0.62	18.32	18.96	17.92	76.22	77.66	74.39
0	0	0.62	17.38	18.12	16.87	83.2	83.6	76.21
0	0	0.62	16.96	17.55	16.42	86.6	86.6	77.96
0	0	0.62	16.74	17.16	16.35	85.8	88.6	81.3
0	0	0.62	17.16	17.98	16.55	83	87.6	80.8
0	0	0.62	18.06	18.89	17.72	78.37	84.2	77.97
0	0	0.62	19.92	20.66	18.83	69.18	78.43	69.18
0	0	0.62	21.26	22.55	20.6	57.53	69.77	57.14



0	0	0.62	23.5	25.1	22.42	50.63	58.96	49.91
0	0	0.62	25.3	26.46	24.5	45.89	50.89	43.66
0	0	0.62	26.74	27.63	26.01	38.71	47.05	38.71
0	0	0.62	27.44	28.62	26.66	38.59	41.52	36.63
0	0	0.62	27.53	29.53	26.39	41.05	44.23	34.16
0	0	0.62	26.55	27.17	26.14	36.43	43.6	36.42
0	0	0.62	28.42	29.39	26.92	32.59	36.43	29.14
0	0	0.62	28.09	28.88	27.24	36.5	40.48	30.12
0	0	0.62	27.25	28.25	26.33	42.1	42.1	36.37
0	0	0.62	24.98	26.36	23.92	51.8	52.12	41.9
0	0	0.62	23.5	24.12	22.69	58.7	60.28	51.79
0	0	0.62	22.68	23.05	22.29	60.65	61.33	58.43
0	0	0.62	21.88	22.63	21.51	66.18	66.3	60.65
0	0	0.62	21.25	21.63	20.92	67.55	68.2	66.19
0	0	0.62	21.39	21.95	20.27	71.99	72.37	64.95
0	0	0.62	20.19	20.4	20.07	72.56	73.75	71.98
0	0	0.62	20.4	20.72	20.2	70.55	72.57	69.96
0	0	0.62	20.03	20.77	19.42	73.43	74.4	69.7
0	0	0.62	19.05	19.86	18.64	77.32	78.23	73.41
0	0	0.62	18.43	18.83	17.92	80.3	80.6	76.8
0	0	0.62	17.69	18.4	17.4	83.3	84.1	79.01
0	0	0.62	18.51	20.01	17.73	74.33	83.4	74.33
0	0	0.62	22.34	24.25	20	56.88	74.34	55.45
0	0	0.62	25.13	26.21	23.99	48.94	57.02	47.76
0	0	0.62	27.15	28.74	25.68	38.67	48.94	36.3
0	0	0.62	29.22	30.11	27.96	33.97	39.22	32.66
0	0	0.62	30.6	31.51	29.53	34.03	34.63	29.14
0.33	0.33	0.95	26	30.18	18.83	77.51	84.6	33.51
0.31	0.64	1.26	19.29	20.08	18.05	82.2	91.6	74.78
0	0.64	1.26	22.99	26.2	19.94	50.76	87.9	49.53
0	0.64	1.26	27.2	28.03	26.07	48.16	55.13	44.51
0	0.64	1.26	26.75	27.52	26.26	49.79	52.79	47.37
0	0.64	1.26	25.9	26.4	25.16	58.91	58.91	48.48
0	0.64	1.26	23.93	25.26	23.07	68.03	69.05	58.06
0	0.64	1.26	22.63	23.17	22.09	72.62	72.71	67.49
0	0.64	1.26	20.88	22.16	19.88	86	86.5	72.38
0	0.64	1.26	20.71	21.9	19.74	77.53	86.1	68.92
0	0.64	1.26	19.6	20.66	18.64	84.8	86.8	77.19
0	0	1.26	18.4	18.8	17.98	88.7	89.9	84.5
0	0	1.26	18.06	18.63	17.72	92	92	85.6
0	0	1.26	17.41	17.78	17.07	92.6	93.5	91.2
0	0	1.26	17.3	17.69	17.01	91.8	92.8	89.4
0	0	1.26	16.87	17.29	16.48	91.8	93	90.7
0	0	1.26	16.57	16.95	16.29	93.8	93.9	91.4
0	0	1.26	16.35	17.25	15.76	91.3	95	90.4
0	0	1.26	18.92	20.73	17.2	79.74	91.4	78.56
0	0	1.26	22.47	24.19	20.66	60.07	80.8	58.51
0	0	1.26	25.22	26.32	24.05	55.59	62.48	51.54

0	0	1.26	27.34	28.19	26.14	45.62	55.98	40.6
0	0	1.26	28.79	29.46	28.09	37.68	47.18	36.83
0	0	1.26	29.68	30.34	29	34.22	41.58	32.01
0	0	1.26	30.57	31.31	30.05	33.46	38.76	32.27
0	0	1.26	31.34	32.3	30.31	27.58	35.92	26.87
0	0	1.26	31.96	32.91	31.09	25.37	29.07	23.48
0	0	1.26	31.65	33.14	30.7	28.76	32.99	25.37
0	0	1.26	30.29	32.06	28.03	37.75	51.22	28.18
0	0	1.26	29.99	30.47	29.4	33.96	38.91	32.85
0	0	1.26	27.46	29.58	23.08	65.67	66.22	33.18
0	0	1.26	21.75	23.08	21.05	74.09	74.33	65.48
0	0	1.26	21.39	22.38	20.59	61.82	76.73	60.58
0	0	1.26	21.93	22.68	20.2	75.76	75.88	57.79
0	0	1.26	19.82	20.4	19.35	74.46	79.02	71.2
0	0	1.26	19.18	19.75	18.9	78.17	79.92	73.8
0	0	1.26	18.34	19.03	17.86	79.34	84.9	76.93
0	0	1.26	17.9	19.23	16.94	85.4	86.9	74.97
0	0	1.26	17.49	18.96	16.49	85.6	87.8	76.41
0	0	1.26	16.85	17.45	16.48	86.2	87.9	82.7
0	0	1.26	16.22	16.75	15.83	88.8	89.4	85.5
0	0	1.26	16.88	18.65	15.7	86.5	90.9	76.99
0	0	1.26	19.37	21.77	17.27	66.51	87.9	66.19
0	0	1.26	23.32	24.96	21.7	53.23	69.26	53.1
0	0	1.26	26.91	28.64	24.9	40.41	54.8	39.5
0	0	1.26	29.63	31.02	28.16	34.68	42.95	33.25
0	0	1.26	31.95	33.58	30.38	20.42	35.67	17.7
0	0	1.26	33.14	33.72	32.65	18.6	23.35	14.17
0	0	1.26	33.53	34.42	32.85	16.25	18.66	14.3
0	0	1.26	34.14	34.74	33.51	13.39	18.93	13.39
0	0	1.26	34.41	34.96	33.96	13.92	16.32	12.15
0	0	1.26	33.06	34.35	32.46	26.02	29.28	13.32
0	0	1.26	32.29	32.77	32.07	23.9	26.48	23.02
0	0	1.26	31.21	32.17	29.99	29.09	29.14	22.7
0	0	1.26	28.59	30.06	27.77	36.04	36.32	28.68
0	0	1.26	27.3	28.04	26.66	40.29	40.92	35.98
0	0	1.26	26.7	26.97	26.53	39.69	40.89	38.9
0	0	1.26	25.74	26.59	24.9	44.36	44.51	39.29
0	0	1.26	23.4	24.95	22.94	51.15	53.63	44.31
0	0	1.26	22.34	23.21	21.24	55.69	56.74	50.23
0	0	1.26	20.94	22.23	19.75	59.62	64.66	55.48
0	0	1.26	19.83	20.54	19.35	65.01	67.96	58.95
0	0	1.26	18.51	19.48	17.98	68	71.25	63.9
0	0	1.26	18.08	18.4	17.66	70.81	71.78	67.81
0	0	1.26	17.49	18.02	17.01	69.43	73.69	68.12
0	0	1.26	18.2	19.84	17.2	65.92	73.93	64.75
0	0	1.26	20.23	21.95	18.9	55.89	70.29	55.77
0	0	1.26	24.48	26.07	21.9	42.21	56.61	41.71
0	0	1.26	27.31	28.48	25.81	39.89	44.48	38.91

0	0	1.26	29.14	30.17	28.16	36.34	41.06	35.13
0	0	1.26	30.3	30.98	29.46	35.42	37.82	32.66
0	0	1.26	31.03	32.09	30.31	30.58	36.9	27.06
0	0	1.26	32.16	33.04	30.5	24.65	31.1	21.07
0	0	1.26	32.39	33.23	31.55	21.72	26.36	18.6
0	0	1.26	32.21	33.76	30.7	32.53	32.93	21
0	0	1.26	30.68	32.22	29.33	31.36	37.1	29.47
0	0	1.26	30.1	31.74	29.26	24.71	36.84	24.52
0	0	1.26	29.51	30.62	28.22	37.93	38.46	24.52
0	0	1.26	26.94	28.29	25.88	43.92	44.76	37.48
0	0	1.26	26.08	26.48	25.75	45.34	45.58	42.49
0	0	1.26	25.75	26.22	25.36	47.31	47.41	43.98
0	0	1.26	24.68	25.47	23.54	55.64	55.64	47.31
0	0	1.26	22.89	23.59	22.23	57.59	58.9	55.58
0	0	1.26	21.76	22.31	21.05	58.45	61.18	57.46
0	0	1.26	22.31	22.8	21.51	58.11	62.68	57.07
0	0	1.26	21.98	22.57	21.25	62.87	63.01	58.05
0	0	1.26	20.78	21.96	19.62	70.15	71.69	59.74
0	0	1.26	20.27	20.92	19.74	66.45	70.29	64.94
0	0	1.26	20.58	21	20.07	67.68	69.11	64.29
0	0	1.26	20.21	20.51	20.01	68.2	69.53	67.55
0	0	1.26	20.87	21.64	20.4	66.45	68.96	65.01
0	0	1.26	21.97	22.68	21.18	62.87	66.75	61.76
0	0	1.26	23.85	24.76	22.62	54.86	63.85	54.72
0	0	1.26	24.21	25.03	23.13	56.43	60.72	53.75
0	0	1.26	24.69	26.26	23.6	46.93	56.35	46.52
0	0	1.26	26.04	27.22	25.55	45.62	48.42	44.51
0	0	1.26	26.36	27.31	25.48	49.65	51.28	44.96
0	0	1.26	26.08	27.37	24.44	56.95	68.67	46.01
0	0	1.26	26.18	29.65	24.76	36.5	64.9	36.5
0	0	1.26	29.8	30.18	29.46	35.51	37.81	33.96
0	0	1.26	28.82	29.91	27.31	40.66	40.88	33.97
0	0	1.26	26.33	27.38	25.48	48.68	48.73	40.68
0	0	1.26	24.48	25.59	23.46	55.77	56.68	48.67
0	0	1.26	23.54	23.99	23.07	55.05	55.76	52.97
0	0	1.26	22.76	23.16	22.42	56.74	58.17	55.05
0	0	1.26	22.47	22.91	21.77	60.2	60.54	55.37
0	0	1.26	20.43	21.93	19.42	68.4	73.2	60.07
0	0	1.26	19.59	20.08	18.96	73.02	73.34	67.62
0	0	1.26	18.79	19.16	18.44	72.17	73.21	71.07
0	0	1.26	17.98	18.65	17.4	74.98	75.73	71.78
0	0	1.26	17.33	17.73	17	78.1	78.24	74.64
0	0	1.26	16.66	17.1	16.35	81.6	82.8	78.1
0	0	1.26	16.8	17.25	16.22	79.46	82.5	77.38
0	0	1.26	18.43	19.07	16.74	72.76	79.51	66.9
0	0	1.26	19.28	20.5	18.31	64.56	73.01	64.56
0	0	1.26	21.11	22.38	20.33	57.81	65.31	57.01
0	0	1.26	23.09	24.65	21.9	51.6	59.09	50.59

0	0	1.26	25.04	25.94	23.92	47.72	51.93	46.25
0	0	1.26	23.94	25.06	21.57	75.05	77.72	47.76
0.03	0.03	1.29	21.04	23.73	19.29	61.11	88.4	60.72
0.03	0.06	1.32	22.14	24.3	19.75	81.6	83.2	54.66
0.17	0.23	1.49	18.97	19.75	18.37	82.1	88.6	80.5
0	0.23	1.49	20.88	21.63	19.29	73.03	81.9	64.88
0.1	0.33	1.59	19.15	20.57	17.46	85.3	89	73.27
0.04	0.37	1.63	17.49	17.91	17.07	86.6	91.5	82
0.04	0.41	1.67	17.26	17.83	17.13	92.9	93.5	86.6
0.01	0.42	1.68	17.28	17.46	17.14	92.4	94.1	90.5
0	0.42	1.68	17.35	17.71	17.14	87	93.4	81.5
0	0.42	1.68	17.32	17.55	17.2	80.8	87.2	79.92
0	0.42	1.68	17.06	17.47	16.87	82.4	86.5	80.8
0	0.42	1.68	17.28	17.58	17	79.27	82.9	78.94
0	0	1.68	16.16	17.45	15.37	91.6	92.3	79.01
0	0	1.68	14.93	15.54	14.59	94.6	94.6	91
0	0	1.68	14.58	14.99	14.27	95.4	95.7	93.8
0	0	1.68	14.27	14.55	14.07	96.2	97	95.3
0	0	1.68	14.24	14.56	13.68	96	96.5	95
0	0	1.68	13.58	13.86	13.28	96.4	96.8	95.9
0	0	1.68	13.78	14.71	13.35	94.4	97.4	94.1
0	0	1.68	15.42	16.42	14.59	89.6	94.5	89.2
0	0	1.68	18.48	20.52	16.35	69.44	90.2	67.55
0	0	1.68	21.27	22.46	20.33	61.37	71.07	60
0	0	1.68	22.4	23.2	22.03	64.24	66.91	59.68
0	0	1.68	22.88	23.62	22.29	67.19	69.45	59.54
0	0	1.68	21.94	22.55	21.37	72.05	80	66.32
0.02	0.02	1.7	21.36	23.15	18.44	74.71	80.9	54.08
0.03	0.05	1.73	20.04	21.69	17.99	61.82	90.5	61.11
0	0.05	1.73	22.02	23.42	21.24	58.12	66.84	53.49
0	0.05	1.73	22.51	23.12	22.22	61.63	64.3	50.23
0	0.05	1.73	22.29	22.48	22.16	62.54	69.32	58.5
0	0.05	1.73	21.78	22.8	20.34	76.67	77	53.82
0	0.05	1.73	20.04	20.42	19.88	74.46	79.82	74.06
0	0.05	1.73	19.88	20.31	19.61	67.19	78.18	66.9
0	0.05	1.73	19.95	20.51	18.77	77.97	78.03	65.08
0	0.05	1.73	17.91	18.86	17.14	82.4	83.4	76.15
0	0.05	1.73	17.34	17.76	16.75	91.7	91.8	82.5
0	0	1.73	16.59	16.83	16.35	92.5	93.4	91.4
0	0	1.73	15.63	16.42	15.31	93.4	94.7	92.3
0	0	1.73	15.04	15.37	14.78	92.8	95.4	92.2
0	0	1.73	14.72	15	14.33	95.2	95.4	90.7
0	0	1.73	14.16	14.49	13.94	95.5	95.9	94.6
0	0	1.73	14.07	14.38	13.75	95.7	96.3	94.8
0	0	1.73	14.02	15.03	13.67	96	97.5	95.7
0	0	1.73	15.84	16.72	14.92	89.2	96	89.2
0	0	1.73	18.92	20.46	16.61	72.18	90.2	69.97
0	0	1.73	21.2	22.49	20.2	64.88	72.77	64.17

0	0	1.73	22.94	24.09	21.96	62.42	68.66	60.33
0	0	1.73	25.05	26.13	24.05	52.78	63	51.68
0	0	1.73	23.98	26.27	21.9	47.98	63.45	41.96
0	0	1.73	26.93	28.74	25.29	39.3	48.54	37.22
0	0	1.73	27.64	28.57	26.85	39.76	43.21	37.02
0	0	1.73	28.33	29.3	27.5	33.57	42.62	30.7
0	0	1.73	28.67	29.02	28.29	30.96	35.68	27.51
0	0	1.73	27.64	28.55	26.27	42.63	42.75	30.77
0	0	1.73	25.36	26.33	24.76	48.48	50.12	40.73
0	0	1.73	23.62	24.89	22.75	49.25	57.07	47.04
0	0	1.73	23.07	23.8	22.29	54.4	54.72	47.56
0	0	1.73	20.77	22.37	19.87	60.85	63.97	54.4
0	0	1.73	20.84	21.69	20.14	62.47	64.1	54.85
0	0	1.73	20.12	20.59	19.62	66.58	66.58	61.23
0	0	1.73	19.16	19.79	18.7	70.28	71.66	66.32
0	0	1.73	19.16	19.6	18.83	68.46	70.49	66.51
0	0	1.73	18.31	19.43	17.14	73.15	79.72	67.81
0	0	1.73	17.89	18.56	16.94	81.7	81.8	72.95
0	0	1.73	17.09	17.43	16.81	80.5	82.3	78.75
0	0	1.73	17.27	17.52	16.94	82	82.1	79.99
0	0	1.73	16.77	17.58	16.35	82.5	86.3	81.9
0	0	1.73	18.42	19.49	17.53	74.2	82.7	72.37
0	0	1.73	20.21	21.44	18.9	65.15	76.69	64.37
0	0	1.73	22.08	23.2	21.31	60.33	65.9	59.29
0	0	1.73	24.14	24.89	23.13	55.91	60.79	54.21
0	0	1.73	25.56	27.07	24.63	55.12	56.52	49.02
0	0	1.73	25.55	27.27	24.5	45.03	56.42	44.97
0	0	1.73	26.56	27.48	25.68	44.11	51.61	43.53
0	0	1.73	26.84	27.9	24.12	58.79	60.59	38.65
0	0	1.73	21.83	24.12	20.2	72.37	78.05	54.79
0	0	1.73	21.94	22.65	20.33	58.83	73.15	56.42
0	0	1.73	21.12	22.32	19.94	70.09	70.29	57
0	0	1.73	18.95	20	18.18	80.6	80.6	70.09
0	0	1.73	17.57	18.31	17.26	83.8	86.9	80.6
0	0	1.73	17.24	17.46	17.01	80.1	84.1	79.72
0	0	1.73	16.82	17.49	16.42	84.3	87.7	77.7
0	0	1.73	16.6	16.88	16.35	83.7	85.1	82.1
0	0	1.73	15.75	16.46	14.98	87.3	87.8	83.7
0	0	1.73	14.94	15.3	14.72	88.8	89.9	85.8
0	0	1.73	15.22	15.87	14.53	88.3	91	85.1
0	0	1.73	14.45	15.2	14.07	93.6	93.6	88.4
0	0	1.73	13.95	14.31	13.61	96	96.6	93.5
0	0	1.73	13.67	14.02	13.48	94.6	96.9	94.6
0	0	1.73	13.18	13.69	12.96	95.8	96.3	94.6
0	0	1.73	13.69	14.32	13.28	94.4	96.5	94.4
0	0	1.73	15.32	16.68	14.2	84.9	94.7	84.9
0	0	1.73	19.05	20.99	16.61	65.14	86.2	64.56
0	0	1.73	22.16	23.08	20.72	57.79	65.41	54.4

0	0	1.73	23.21	23.92	22.35	56.56	62.35	53.3
0	0	1.73	24.02	25.23	22.48	57.27	66.52	53.43
0	0	1.73	24.86	25.81	23.98	57.08	60.13	53.43
0	0	1.73	26.41	27.72	25.03	44.92	57.15	41.71
0	0	1.73	28.21	29.26	26.92	38.78	46.92	35.33
0	0	1.73	28.94	29.53	28.42	32.53	39.68	29.79
0	0	1.73	28.84	29.24	28.29	34.62	37.43	30.31
0	0	1.73	28	28.94	27.37	36.37	38.06	32.79
0	0	1.73	26.68	27.57	25.23	39.9	39.9	35.06
0	0	1.73	23.59	25.31	22.36	45.47	48.81	39.88
0	0	1.73	21.35	22.67	20.47	48.02	52.44	45.34
0	0	1.73	20.54	21.44	19.42	51.26	53.42	44.17
0	0	1.73	19.7	20.93	18.38	57.32	58.87	47.03
0	0	1.73	18.15	18.89	17.33	60.45	61.75	55.43
0	0	1.73	17.78	18.68	17.2	58.16	62.02	57.51
0	0	1.73	17.94	18.87	17.27	62.33	65.01	56.15
0	0	1.73	17.1	18.12	15.83	69.62	69.73	59.86
0	0	1.73	15.77	16.81	15.05	71.25	71.45	61.42
0	0	1.73	14.53	15.48	13.87	76.26	76.32	70.34
0	0	1.73	13.17	14.13	12.7	82.3	84	76.2
0	0	1.73	14.03	15.6	13.22	75.04	83	74.97
0	0	1.73	17.09	19.14	15.51	62.08	76.79	61.75
0	0	1.73	19.69	20.45	19.09	57.28	62.66	54.59
0	0	1.73	21.74	24.13	20.4	41.36	57.13	40.92
0	0	1.73	25.29	27.51	23.92	23.01	42.24	22.68
0	0	1.73	28.53	29.15	27.57	13.63	23.2	13.63
0	0	1.73	28.86	29.6	28.35	16.77	18.26	13.05
0	0	1.73	29.21	29.85	28.68	18.91	20.62	14.68
0	0	1.73	29.66	30.24	28.94	15.59	20.28	14.68
0	0	1.73	29.99	30.57	29.46	11.81	17.1	10.25
0	0	1.73	29.58	30.17	29.2	11.94	12.66	10.12
0	0	1.73	28.69	29.36	28.09	11.29	12.85	10.18
0	0	1.73	26.86	28.15	25.22	15.51	16.25	10.7
0	0	1.73	23.42	25.28	21.97	19.81	20.9	15.51
0	0	1.73	20.46	21.97	19.55	23.16	24.77	19.48
0	0	1.73	18.63	20.47	16.68	31	33.29	21.82
0	0	1.73	17.01	18.19	16.22	35.23	36.47	27.61
0	0	1.73	16.32	18.07	15.63	39.88	40.06	32.43
0	0	1.73	16.23	17.05	15.38	37.51	40.56	34.32
0	0	1.73	16.08	17.03	14.79	39.66	43.89	37.05
0	0	1.73	16.08	16.6	15.44	39.93	41.29	38.81
0	0	1.73	16.05	16.74	14.47	49.28	49.28	38.94
0	0	1.73	13.25	14.46	12.37	50.02	57.24	46.82
0	0	1.73	13.46	14.51	11.98	47.28	58.8	45.78
0	0	1.73	13.8	15.36	12.96	48.65	56.07	47.28
0	0	1.73	18.24	19.47	15.31	36.41	48.58	36.15
0	0	1.73	19.77	20.67	19.22	36.35	38.12	35.13
0	0	1.73	22.14	23.81	20.59	32.38	37.59	32.38

0	0	1.73	25.58	27.25	23.72	23.21	33.55	22.1
0	0	1.73	27.74	28.76	26.66	17.21	24.97	15.91
0	0	1.73	29.02	29.73	27.9	14.74	18.03	12.08
0	0	1.73	29.37	30.44	28.61	12.98	15.98	11.61
0	0	1.73	29.52	30.31	28.81	14.09	14.98	11.68
0	0	1.73	28.56	29.6	28.03	13.24	15.06	12.85
0	0	1.73	27.83	28.4	27.18	14.67	15.32	13.05
0	0	1.73	26.49	27.31	25.36	19.13	19.24	13.89
0	0	1.73	25.65	26.51	24.64	21.24	21.84	16.69
0	0	1.73	23.19	24.71	20.93	27.04	27.04	20.41
0	0	1.73	19.56	21.03	19.16	27.42	28.66	25.27
0	0	1.73	18.38	19.27	17.59	32.24	32.37	27.29
0	0	1.73	17.61	19.23	16.48	34.12	36.4	27.42
0	0	1.73	15.38	17.08	14.59	38.42	43.38	33.6
0	0	1.73	15.95	16.54	15.51	39.4	39.5	36.59
0	0	1.73	14.56	15.98	13.48	48.12	52.34	39.4
0	0	1.73	13.09	13.61	12.11	60.37	60.42	47.47
0	0	1.73	11.58	12.21	11.39	63.1	64.77	60.1
0	0	1.73	11.14	11.67	10.87	62.19	68.17	62.18
0	0	1.73	11.93	12.64	11.19	55.74	62.19	52.61
0	0	1.73	12.06	14.14	11.26	48.12	60.61	47.79
0	0	1.73	15.07	16.75	14.07	46.44	53.86	46.1
0	0	1.73	18.91	22.24	16.68	31.66	47	30.62
0	0	1.73	23.43	24.64	21.9	25.02	32.53	23
0	0	1.73	25.01	25.9	24.44	25.13	27.44	23.66
0	0	1.73	26.79	27.82	25.81	23.14	25.55	22.23
0	0	1.73	28.15	28.84	27.18	20.74	24.46	20.67
0	0	1.73	29.05	30.18	28.02	20.61	22.96	19.5
0	0	1.73	30.06	30.81	29.27	17.81	21.21	17.02
0	0	1.73	30.02	30.91	29.33	15.2	18.85	14.62
0	0	1.73	30.37	30.91	29.72	16.1	17.43	14.68
0	0	1.73	30.06	30.57	28.68	18.29	18.55	15.14
0	0	1.73	26.37	28.71	25.03	23.92	24.38	18.13
0	0	1.73	24.15	25.18	22.94	25.61	27.68	23.53
0	0	1.73	20.8	23.81	19.43	33.29	33.53	25.61
0	0	1.73	18.9	19.58	18.05	37.46	37.52	33.29
0	0	1.73	17.19	18.26	16.61	42.55	42.55	36.54
0	0	1.73	16.96	17.62	16.29	38.69	42.6	35.68
0	0	1.73	16.11	17.2	14.98	43.24	45.01	36.73
0	0	1.73	15.29	16.46	13.87	49.04	49.95	40.18
0	0	1.73	14.12	15.64	13.48	43.72	49.83	43.37
0	0	1.73	12.91	15.61	11.72	60.55	61.26	43.56
0	0	1.73	12.38	13.12	11.92	53.46	60.49	51.83
0	0	1.73	11.96	13.18	11.14	61.02	61.02	51.7
0	0	1.73	11.68	13.5	10.67	67.07	67.07	56.2
0	0	1.73	14.06	17.34	11.65	44.29	67.71	44.09
0	0	1.73	20.71	22.57	17.39	31.27	44.22	29.84
0	0	1.73	22.25	23.51	21.57	32.34	35.71	31.3

0	0	1.73	24.45	25.48	23	27.38	33.5	26.26
0	0	1.73	26.8	28.02	25.29	25.82	29.33	24.7
0	0	1.73	28.66	29.86	27.57	23.15	27.19	22.37
0	0	1.73	29.81	31.3	28.48	17.03	25.23	16.44
0	0	1.73	30.65	31.61	29.92	17.43	18.92	16.25
0	0	1.73	31.04	31.89	30.5	16.58	19.25	16.25
0	0	1.73	30.72	31.19	30.05	17.61	18.69	16.51
0	0	1.73	29.71	30.72	29.2	18.39	19.7	17.16
0	0	1.73	27.55	29.43	25.23	24.38	24.45	18.39
0	0	1.73	24.56	25.29	24.12	25.61	25.75	24.11
0	0	1.73	23.9	24.34	23.34	27.69	27.72	25.54
0	0	1.73	22.19	23.43	20.2	34.2	34.46	27.62
0	0	1.73	20.26	21.11	19.36	34.2	37.14	32.18
0	0	1.73	19.95	20.93	18.38	40.52	40.52	33.42
0	0	1.73	17.59	18.95	16.35	47.54	48.18	40.06
0	0	1.73	16.03	16.68	15.25	51.15	51.15	47.09
0	0	1.73	15.58	16.77	14.66	54.05	54.06	47.83
0	0	1.73	14.51	15.43	13.61	57.64	60.37	52.04
0	0	1.73	13.93	14.63	13.22	59.26	59.35	55.81
0	0	1.73	13.06	13.81	12.31	67.59	67.81	58.55
0	0	1.73	12.52	13.8	12.04	61.87	68.8	61.87
0	0	1.73	16.61	19.16	13.74	46.31	61.91	46.05
0	0	1.73	21.49	22.76	19.09	37.49	46.97	36.22



BP_Correct mBar Smp	BP_Correct mBar Avg	BP_Correct mBar Max	BP_Correct mBar Min	DewPointT C Smp	DewPointT C Max	DewPointT C Min	SolarW_Av W/m^2 Avg	SolarMJ_Tc MJ/m^2 Tot
769.2501	717.077	769.2501	169.2597	-3.555	-3.105	-3.555	903.3641	0.062332
1016.649	1016.726	1016.798	1016.644	-3.903	-3.603	-5.599	768.6068	1.288954
1016.313	1016.529	1016.694	1016.313	-2.989	-2.598	-4.252	640.6871	2.306473
1016.137	1016.191	1016.313	1016.088	-1.849	-1.012	-3.131	417.1873	1.501874
1016.285	1016.204	1016.303	1016.12	-1.717	-1.261	-2.134	115.0418	0.414151
1016.55	1016.444	1016.556	1016.285	-0.539	-0.324	-1.851	23.24256	0.083673
1016.807	1016.649	1016.807	1016.55	-0.979	-0.307	-1.176	-5.97915	-0.02152
1017.282	1017.077	1017.284	1016.807	-1.579	-0.88	-1.677	-5.58888	-0.02012
1017.246	1017.248	1017.282	1017.213	-1.956	-1.301	-2.023	-4.98806	-0.01796
1017.204	1017.208	1017.246	1017.151	-1.992	-1.629	-2.244	-4.67035	-0.01681
1016.937	1017.083	1017.252	1016.937	-2.018	-1.74	-2.216	-3.81912	-0.01375
1016.679	1016.776	1016.937	1016.631	-2.362	-1.813	-2.405	-4.20537	-0.01514
1016.609	1016.621	1016.697	1016.564	-2.383	-2.066	-2.5	-3.71898	-0.01339
1016.772	1016.621	1016.772	1016.525	-2.553	-2.086	-2.72	-3.56658	-0.01284
1016.977	1016.88	1016.977	1016.772	-2.195	-1.835	-2.576	-4.24285	-0.01527
1017.376	1017.14	1017.376	1016.977	-2.431	-2.009	-2.567	8.71589	0.031377
1017.925	1017.626	1017.925	1017.376	-2.489	-1.607	-2.663	89.55974	0.322415
1018.131	1018.042	1018.131	1017.925	-1.627	-1.387	-2.558	353.39	1.272204
1018.01	1018.131	1018.195	1018.01	-1.564	-1.288	-2.19	558.7332	2.01144
1017.757	1017.778	1018.023	1017.522	0.432	1.515	-1.939	761.8345	2.742604
1017.56	1017.605	1017.794	1017.437	1.901	2.125	-0.892	679.2755	2.445392
1017.538	1017.606	1017.792	1017.406	2.097	2.519	1.75	735.0064	2.646023
1017.625	1017.512	1017.656	1017.369	2.469	2.714	1.905	343.6886	1.237279
1017.042	1017.401	1017.69	1017.022	1.048	2.738	0.977	259.596	0.934546
1016.502	1016.874	1017.042	1016.502	0.047	1.396	-0.485	262.4534	0.944832
1015.808	1016.088	1016.502	1015.808	1.123	1.633	0.013	366.14	1.318104
1015.105	1015.419	1015.808	1015.105	1.358	1.539	0.447	643.9887	2.318359
1014.73	1014.884	1015.11	1014.699	1.084	1.572	0.782	347.4463	1.250807
1015.032	1014.815	1015.032	1014.711	0.5	1.273	0.366	205.8163	0.740939
1015.207	1015.115	1015.217	1015.008	0.039	0.641	-0.021	26.96915	0.097089
1015.544	1015.367	1015.546	1015.184	-0.144	0.221	-0.26	-5.61015	-0.0202
1015.995	1015.786	1015.995	1015.544	-0.211	0.166	-0.297	-4.06866	-0.01465
1015.918	1015.926	1016.004	1015.841	-0.069	0.126	-0.394	-3.75142	-0.01351
1015.833	1015.913	1015.994	1015.83	0.365	0.854	-0.146	-4.28203	-0.01542
1015.617	1015.747	1015.841	1015.617	-1.39	0.694	-1.403	-4.40291	-0.01585
1015.578	1015.588	1015.617	1015.556	-1.884	-1.186	-2.12	-4.23687	-0.01525
1015.408	1015.459	1015.578	1015.386	-1.89	-1.568	-2.002	-4.49623	-0.01619
1015.519	1015.497	1015.582	1015.408	-1.201	-0.828	-2.105	-3.70981	-0.01336
1015.674	1015.543	1015.674	1015.449	-1.169	-0.964	-1.742	-3.33737	-0.01201
1016.25	1015.974	1016.315	1015.64	-0.975	-0.863	-1.506	16.5973	0.05975
1016.358	1016.159	1016.358	1016.086	-0.76	-0.428	-1.292	182.6716	0.657618
1016.665	1016.536	1016.703	1016.358	0.052	0.052	-1.244	350.6524	1.262349
1016.749	1016.783	1016.881	1016.665	1.993	2.291	-0.162	553.2143	1.991572
1016.535	1016.629	1016.749	1016.535	2.365	2.742	1.73	629.7911	2.267248

1016.375	1016.523	1016.595	1016.375	2.287	2.678	1.939	987.0662	3.553438
1016.201	1016.237	1016.375	1016.123	1.571	2.5	0.987	819.934	2.951762
1015.654	1015.809	1016.201	1015.654	2.443	2.779	1.522	804.4752	2.896111
1015.494	1015.66	1015.786	1015.494	3.186	3.607	2.39	211.0661	0.759838
1015.447	1015.505	1015.579	1015.389	3.482	3.71	2.782	298.655	1.075158
1015.015	1015.149	1015.447	1015.006	4.946	5.041	3.358	193.4258	0.696333
1015.388	1015.228	1015.462	1014.997	8.29	8.44	4.976	124.8842	0.449583
1014.873	1015.052	1015.388	1014.846	8.68	8.93	7.898	156.7215	0.564197
1014.396	1014.657	1014.873	1014.388	7.515	9.18	7.008	56.42599	0.203134
1014.015	1014.236	1014.396	1014.015	9.98	10.1	7.168	37.86203	0.136303
1014.038	1014.03	1014.152	1013.9	10.74	10.86	9.98	-3.30536	-0.0119
1014.389	1014.217	1014.389	1014.038	9.94	10.91	9.93	-3.65746	-0.01317
1014.342	1014.453	1014.557	1014.323	8.86	10.05	8.83	-3.07317	-0.01106
1014.125	1014.3	1014.385	1014.125	9.02	9.16	8.78	-1.88817	-0.0068
1013.932	1014.025	1014.125	1013.878	9.21	9.39	8.96	-1.78381	-0.00642
1013.467	1013.688	1013.932	1013.467	9.4	9.58	9.05	-1.74996	-0.0063
1013.317	1013.405	1013.498	1013.317	9.04	9.68	8.88	-1.79674	-0.00647
1013.112	1013.243	1013.317	1013.112	9.16	9.27	8.82	-1.79691	-0.00647
1013.008	1013.062	1013.112	1013.008	9.14	9.62	8.99	-1.87681	-0.00676
1013.194	1013.041	1013.194	1012.987	8.75	9.26	8.4	5.430023	0.019548
1013.521	1013.295	1013.521	1013.194	9.8	9.88	8.72	25.83222	0.092996
1013.851	1013.691	1013.865	1013.505	11.04	11.07	9.73	69.72592	0.251013
1013.912	1013.933	1013.985	1013.851	10.99	11.47	10.94	180.2429	0.648874
1013.924	1013.94	1013.993	1013.852	12.88	13.09	10.98	111.7618	0.402343
1013.881	1013.934	1013.968	1013.839	13.25	13.52	12.55	291.2223	1.0484
1013.896	1013.899	1013.94	1013.842	14.63	14.67	13.22	154.4728	0.556102
1013.971	1013.854	1013.976	1013.721	14.87	15.56	14.27	86.26323	0.310548
1013.844	1013.904	1013.971	1013.821	15.29	16.1	13.67	260.4179	0.937504
1013.859	1013.923	1013.967	1013.844	12.99	16.8	12.51	532.5061	1.917022
1013.534	1013.626	1013.859	1013.502	12.26	13.67	11.49	436.0512	1.569785
1013.423	1013.551	1013.65	1013.423	12.03	13.15	10.65	499.45	1.79802
1013.373	1013.379	1013.453	1013.323	10.69	12.52	10.1	287.0823	1.033496
1013.484	1013.432	1013.497	1013.373	10.2	11.54	9.72	147.586	0.53131
1013.819	1013.655	1013.821	1013.484	13.29	13.35	10.15	39.8337	0.143401
1014.294	1014.017	1014.294	1013.819	13.21	13.53	13.18	-3.87778	-0.01396
1014.717	1014.578	1014.741	1014.294	13.69	13.84	13.09	-3.65048	-0.01314
1014.593	1014.64	1014.717	1014.539	13.64	13.87	13.51	-3.75328	-0.01351
1014.856	1014.72	1014.87	1014.593	13.71	13.98	13.55	-2.65171	-0.00955
1014.723	1014.734	1014.856	1014.661	14.1	14.23	13.59	-1.90766	-0.00687
1014.934	1014.838	1014.934	1014.723	13.78	14.24	13.76	-1.09963	-0.00396
1014.897	1014.954	1015.025	1014.897	13.55	14.03	13.45	-1.16754	-0.0042
1015.087	1014.928	1015.087	1014.869	13.03	13.65	12.98	-0.98645	-0.00355
1014.909	1015.037	1015.171	1014.863	12.98	13.17	12.79	-0.99296	-0.00357
1015.204	1014.982	1015.204	1014.838	12.99	13.24	12.9	6.460563	0.023258
1015.722	1015.512	1015.755	1015.204	13.08	13.18	12.76	55.72044	0.200594
1016.17	1015.93	1016.288	1015.688	11.61	13.43	11.21	273.6402	0.985105
1016.077	1016.126	1016.181	1016.063	4.166	11.64	4.023	602.9694	2.17069
1015.854	1015.985	1016.077	1015.832	5.228	5.263	3.759	789.7935	2.843256

1015.55	1015.731	1015.881	1015.549	5.195	6.376	4.024	934.3771	3.363757
1015.334	1015.589	1015.704	1015.334	4.009	6	3.532	1031.101	3.711964
1015.12	1015.166	1015.502	1014.239	3.345	4.279	2.841	1070.093	3.852337
1015.109	1015.069	1015.216	1014.983	2.061	3.744	1.026	1047.48	3.770928
1015.108	1015.145	1015.228	1015.038	0.436	2.934	-0.439	962.7658	3.465957
1014.781	1014.964	1015.174	1014.781	-0.646	0.707	-2.11	826.1436	2.974117
1014.808	1014.774	1014.886	1014.584	-0.376	-0.005	-2.969	643.6819	2.317255
1014.939	1014.843	1015.041	1014.677	1.225	1.33	-1.542	432.8964	1.558427
1014.849	1014.986	1015.124	1014.842	0.756	1.983	0.755	228.2909	0.821847
1015.26	1015.087	1015.26	1014.849	0.575	1.038	0.276	45.02804	0.162101
1015.751	1015.514	1015.754	1015.26	-0.384	0.576	-1.573	-5.21457	-0.01877
1016.323	1016.16	1016.358	1015.751	-3.417	-0.322	-3.477	-5.84711	-0.02105
1016.473	1016.337	1016.486	1016.25	-3.741	-3.245	-4.53	-5.84474	-0.02104
1016.419	1016.464	1016.511	1016.419	-2.421	-2.184	-3.873	-5.5304	-0.01991
1016.604	1016.493	1016.604	1016.419	-2.232	-1.92	-2.816	-5.22055	-0.01879
1016.708	1016.638	1016.713	1016.601	0.09	0.479	-2.485	-4.97097	-0.0179
1016.945	1016.753	1016.945	1016.672	-1.019	0.48	-1.793	-4.75666	-0.01712
1017.238	1017.069	1017.238	1016.931	-0.449	-0.109	-1.178	-4.80572	-0.0173
1017.672	1017.394	1017.672	1017.238	-0.741	0.927	-1.414	-4.37096	-0.01574
1018.181	1017.855	1018.181	1017.672	1.168	1.206	-1.299	9.896331	0.035627
1018.516	1018.377	1018.516	1018.181	0.595	1.89	0.143	198.09	0.713124
1018.818	1018.715	1018.825	1018.516	2.005	2.041	0.481	397.4008	1.430643
1018.75	1018.841	1018.898	1018.75	3.898	3.934	1.609	608.0474	2.18897
1018.606	1018.662	1018.75	1018.599	3.293	4.298	3.243	795.7288	2.864624
1018.329	1018.453	1018.633	1018.301	-0.142	3.86	-0.438	942.6689	3.393608
1018.208	1018.312	1018.387	1018.208	-0.819	0.864	-1.028	1044.093	3.758733
1017.762	1018.018	1018.208	1017.762	-0.98	0.045	-1.926	1082.804	3.898096
1017.546	1017.675	1017.865	1017.546	-2.812	-0.016	-3.18	1059.853	3.815472
1017.275	1017.384	1017.546	1017.095	-4.611	-1.193	-4.611	980.2817	3.529014
1016.953	1017.126	1017.279	1016.953	-4.889	-3.219	-6.294	843.0847	3.035105
1016.816	1016.821	1016.953	1016.532	-4.849	-3.518	-6.144	656.1483	2.362134
1016.862	1016.786	1016.862	1016.701	-2.905	-2.735	-5.741	442.9731	1.594703
1017.068	1016.892	1017.068	1016.801	-1.447	-1.177	-3.748	232.2663	0.836159
1017.471	1017.282	1017.473	1017.068	-1.694	-1.252	-2.25	44.56556	0.160436
1018.087	1017.78	1018.087	1017.471	-2.468	-1.283	-2.716	-5.87741	-0.02116
1018.499	1018.329	1018.511	1018.087	-1.428	-0.471	-2.563	-5.11856	-0.01843
1018.541	1018.497	1018.549	1018.453	-2.088	-1.091	-2.241	-5.6395	-0.0203
1018.53	1018.571	1018.598	1018.53	-4.118	-1.904	-4.577	-5.46401	-0.01967
1018.669	1018.57	1018.672	1018.496	-1.435	-0.876	-4.343	-5.19984	-0.01872
1018.657	1018.633	1018.669	1018.577	-1.631	-1.405	-3.531	-4.0604	-0.01462
1018.758	1018.682	1018.758	1018.618	-2.325	-1.326	-3.668	-4.72722	-0.01702
1018.909	1018.809	1018.916	1018.758	-5.24	-1.155	-5.247	-4.59587	-0.01655
1019.199	1018.979	1019.199	1018.896	-1.916	-1.908	-5.247	-4.44383	-0.016
1019.661	1019.42	1019.661	1019.199	-4.595	-1.446	-5.25	9.019648	0.032471
1019.712	1019.712	1019.763	1019.654	-4.387	-1.759	-5.075	204.1347	0.734885
1019.88	1019.782	1019.891	1019.675	-3.799	-2.847	-4.635	404.618	1.456625
1019.795	1019.894	1019.946	1019.795	-3.388	-2.739	-4.735	613.3035	2.207892
1019.755	1019.739	1019.795	1019.716	-3.66	-1.4	-3.969	808.0453	2.908963

1019.599	1019.735	1019.795	1019.599	-10.68	-3.724	-11.01	968.1074	3.485187
1019.265	1019.482	1019.606	1019.265	-12.16	-8.65	-13.34	1068.216	3.845578
1018.677	1018.979	1019.265	1018.677	-8.1	-7.034	-11.92	1100.698	3.962514
1018.076	1018.417	1018.677	1018.076	-6.742	-6.383	-8.25	1072.105	3.859576
1017.587	1017.847	1018.076	1017.344	-9.68	-5.963	-9.96	986.9321	3.552955
1017.368	1017.493	1017.605	1017.368	-9.94	-7.618	-11.4	848.0378	3.052936
1017.005	1017.17	1017.368	1016.978	-9.01	-7.895	-10.87	655.775	2.36079
1016.869	1016.867	1017.005	1016.779	-9.97	-7.721	-10.06	444.957	1.601845
1017.139	1016.993	1017.139	1016.859	-9.94	-8.82	-11.17	237.5891	0.855321
1017.453	1017.308	1017.453	1017.139	-8.18	-7.393	-10.17	45.9037	0.165253
1018.16	1017.755	1018.16	1017.453	-6.153	-5.463	-8.52	-7.55639	-0.0272
1018.907	1018.556	1018.907	1018.16	-6.999	-5.701	-7.943	-6.15095	-0.02214
1018.963	1018.94	1018.985	1018.907	-6.857	-6.029	-7.775	-6.05896	-0.02181
1018.898	1018.974	1019.001	1018.898	-6.768	-6.32	-7.287	-6.05677	-0.0218
1019.276	1019.038	1019.276	1018.896	-6.45	-6.065	-7.168	-5.89002	-0.0212
1019.092	1019.162	1019.276	1019.064	-5.973	-5.421	-8.05	-5.10774	-0.01839
1019.414	1019.201	1019.414	1019.054	-5.673	-5.284	-7.371	-5.29502	-0.01906
1019.614	1019.408	1019.614	1019.274	-5.582	-4.648	-6.285	-5.00159	-0.01801
1019.88	1019.621	1019.88	1019.469	-6.529	-4.549	-7.228	-4.4227	-0.01592
1020.4	1020.033	1020.4	1019.853	-7.235	-5.467	-7.462	7.766833	0.027961
1020.843	1020.59	1020.843	1020.387	-6.208	-5.991	-7.414	205.6946	0.740501
1020.995	1020.898	1021.022	1020.782	-5.823	-5.434	-6.368	404.6458	1.456725
1020.697	1020.866	1021.021	1020.697	-4.164	-3.935	-6.146	616.8107	2.220518
1020.495	1020.614	1020.716	1020.495	-4.498	-3.504	-4.792	805.8889	2.9012
1020.071	1020.314	1020.495	1020.071	-5.663	-3.953	-5.777	959.9089	3.455672
1019.853	1019.993	1020.078	1019.853	-6.147	-4.51	-6.485	1060.897	3.819229
1019.291	1019.581	1019.853	1019.291	-5.704	-5.049	-6.566	1102.014	3.96725
1018.736	1019.051	1019.291	1018.736	-5.644	-4.872	-7.01	1079.349	3.885657
1018.447	1018.607	1018.743	1018.447	-6.876	-5.053	-7.425	993.38	3.576168
1017.855	1018.159	1018.447	1017.855	-6.116	-5.409	-7.849	843.2331	3.035639
1017.432	1017.628	1017.855	1017.407	-5.937	-4.862	-6.445	651.7264	2.346215
1017.192	1017.246	1017.432	1017.111	-6.348	-5.346	-7.376	438.3499	1.57806
1017.583	1017.414	1017.583	1017.192	-6.922	-5.724	-7.05	233.5707	0.840855
1017.989	1017.792	1017.989	1017.583	-6.104	-5.706	-7.249	46.08649	0.165911
1018.744	1018.315	1018.744	1017.989	-5.859	-4.322	-6.909	-7.20841	-0.02595
1019.322	1019.061	1019.322	1018.744	-5.015	-4.984	-5.858	-6.8454	-0.02464
1019.445	1019.411	1019.472	1019.322	-5.236	-4.719	-5.362	-6.66225	-0.02398
1019.287	1019.408	1019.459	1019.287	-5.336	-4.847	-5.534	-6.054	-0.02179
1019.102	1019.198	1019.287	1019.102	-5.622	-4.575	-6.142	-5.74945	-0.0207
1019.442	1019.24	1019.443	1019.066	-5.616	-3.711	-5.965	-5.92904	-0.02134
1019.682	1019.495	1019.682	1019.395	-6.045	-4.007	-6.235	-5.14344	-0.01852
1019.821	1019.735	1019.821	1019.672	-3.689	-3.373	-6.161	-4.96718	-0.01788
1020.258	1020.048	1020.258	1019.821	-5.551	-3.61	-6.091	-4.46745	-0.01608
1020.774	1020.551	1020.799	1020.258	-5.304	-4.964	-5.951	7.472045	0.026899
1020.926	1020.8	1020.926	1020.736	-4.78	-1.622	-5.406	202.2726	0.728181
1021.157	1020.983	1021.157	1020.863	-4.566	-4.277	-5.392	400.7474	1.442691
1020.949	1021.079	1021.194	1020.946	-4.631	-3.936	-5.322	608.5204	2.190674
1020.609	1020.775	1020.962	1020.609	-4.44	-3.3	-4.921	803.296	2.891865

1020.295	1020.485	1020.609	1020.295	-6.118	-3.896	-7.499	959.0309	3.452511
1019.689	1020.061	1020.295	1019.689	-6.125	-4.712	-6.829	1060.149	3.816535
1019.311	1019.602	1019.774	1019.257	-7.23	-5.441	-7.89	1103.886	3.97399
1018.617	1018.96	1019.311	1018.617	-6.163	-5.297	-7.468	1073.927	3.866139
1018.245	1018.411	1018.617	1018.183	-7.239	-5.409	-7.652	987.884	3.556383
1017.697	1017.956	1018.245	1017.697	-5.352	-4.404	-7.615	841.9658	3.031077
1017.339	1017.563	1017.697	1017.339	-5.562	-5.206	-6.949	658.571	2.370856
1017.241	1017.258	1017.367	1017.176	-5.002	-4.756	-6.633	443.9747	1.598309
1017.484	1017.338	1017.484	1017.236	-5.665	-4.826	-5.665	234.4543	0.844035
1017.707	1017.594	1017.707	1017.484	-5.466	-4.97	-5.715	46.56665	0.16764
1018.254	1017.948	1018.254	1017.707	-5.288	-4.997	-5.916	-7.01929	-0.02527
1018.649	1018.471	1018.649	1018.254	-4.486	-4.265	-5.404	-6.88848	-0.0248
1018.538	1018.558	1018.649	1018.499	-4.653	-4.15	-4.666	-6.39806	-0.02303
1018.417	1018.488	1018.565	1018.417	-4.543	-4.244	-4.967	-6.5425	-0.02355
1018.252	1018.308	1018.417	1018.247	-4.656	-3.526	-4.713	-5.4732	-0.0197
1018.238	1018.252	1018.28	1018.198	-4.399	-3.418	-4.883	-6.27837	-0.0226
1017.982	1017.995	1018.238	1017.799	-4.047	-3.267	-4.795	-4.97483	-0.01791
1018.318	1018.03	1018.318	1017.88	-3.642	-3.092	-4.707	-4.95147	-0.01783
1018.65	1018.659	1018.863	1018.318	-3.848	-3.134	-4.851	-4.48655	-0.01615
1018.65	1018.713	1018.773	1018.65	-3.761	-3.344	-4.255	7.600452	0.027362
1018.763	1018.648	1018.763	1018.592	-1.836	-1.468	-3.767	199.898	0.719633
1018.778	1018.861	1018.913	1018.763	-3.955	-1.348	-4.411	399.0487	1.436575
1018.651	1018.744	1018.789	1018.651	-4.589	-3.387	-4.757	620.0192	2.232069
1018.396	1018.496	1018.651	1018.365	-4.718	-3.872	-4.962	816.987	2.941153
1017.852	1018.178	1018.396	1017.852	-10.63	-4.268	-11.16	971.5293	3.497505
1017.445	1017.645	1017.896	1017.445	-8.87	-8.25	-12.47	1072.418	3.860703
1016.955	1017.192	1017.445	1016.936	-10.58	-8.46	-11.37	1109.521	3.994276
1016.231	1016.549	1016.955	1016.231	-10.41	-9.13	-11.81	1085.903	3.909251
1015.69	1016.051	1016.231	1015.69	-10.1	-8.85	-11.49	998.2771	3.593797
1014.982	1015.376	1015.69	1014.982	-11.52	-9.84	-12.16	854.6547	3.076757
1014.681	1014.844	1015.028	1014.652	-10.86	-9.91	-12.41	666.1472	2.39813
1014.357	1014.469	1014.681	1014.328	-10.63	-9.34	-11.14	448.963	1.616267
1014.581	1014.446	1014.581	1014.357	-11.82	-10.09	-12.28	238.6621	0.859184
1014.736	1014.631	1014.751	1014.567	-11.46	-11.13	-12.43	46.88623	0.16879
1015.335	1015.054	1015.335	1014.736	-12.86	-11.01	-12.96	-7.70286	-0.02773
1016.17	1015.838	1016.17	1015.335	-11.49	-11.32	-13.02	-7.16639	-0.0258
1016.142	1016.111	1016.17	1016.045	-9.95	-9.73	-11.49	-6.62436	-0.02385
1016.276	1016.248	1016.297	1016.142	-9.52	-8.9	-10.52	-6.304	-0.02269
1015.871	1016.054	1016.276	1015.871	-9.41	-8.7	-9.67	-4.66435	-0.01679
1015.962	1015.893	1015.962	1015.836	-8.79	-8.52	-9.62	-6.11154	-0.022
1015.872	1015.951	1016.02	1015.872	-7.978	-7.656	-9.29	-5.19452	-0.0187
1015.932	1015.899	1015.954	1015.836	-8.21	-7.549	-8.65	-4.01575	-0.01446
1016.083	1016.041	1016.102	1015.93	-7.495	-7.227	-8.7	-4.48207	-0.01614
1016.5	1016.236	1016.5	1016.08	-8.95	-7.399	-9.13	7.249781	0.026099
1016.841	1016.663	1016.841	1016.484	-8.62	-7.56	-9.33	200.1854	0.720667
1017.045	1016.976	1017.057	1016.841	-6.565	-6.551	-9.26	400.8094	1.442914
1016.91	1017.048	1017.11	1016.91	-3.51	-2.781	-7.018	615.5172	2.215862
1016.735	1016.839	1016.922	1016.735	-3.284	-2.568	-4.385	805.589	2.90012

1016.326	1016.585	1016.735	1016.326	-5.049	-2.677	-5.943	951.9281	3.426941
1016.14	1016.187	1016.341	1015.987	-5.278	-4.401	-7.25	1052.231	3.788033
1015.936	1016.024	1016.14	1015.925	-4.009	-3.503	-5.73	1095.5	3.943801
1015.719	1015.823	1015.936	1015.65	-4.3	-3.357	-5.328	1067.581	3.843291
1015.347	1015.571	1015.756	1015.347	-4.397	-3.359	-5.171	979.1406	3.524906
1015.386	1015.403	1015.474	1015.347	-6.321	-3.516	-7.224	839.5655	3.022436
1015.14	1015.289	1015.45	1015.028	-3.811	-3.802	-7.444	656.3959	2.363025
1014.944	1015.009	1015.145	1014.857	-3.272	-3.239	-4.781	442.3538	1.592474
1015.203	1015.066	1015.208	1014.944	-1.874	0.121	-3.884	230.985	0.831546
1015.731	1015.444	1015.731	1015.203	-3.111	-1.356	-4.11	41.57945	0.149686
1016.257	1015.976	1016.257	1015.731	-2.284	-2.264	-3.777	-6.30051	-0.02268
1016.513	1016.419	1016.542	1016.257	-0.725	-0.525	-2.35	-5.82046	-0.02095
1016.59	1016.552	1016.611	1016.494	2.461	2.617	-0.782	-4.88318	-0.01758
1016.524	1016.541	1016.595	1016.476	3.818	4.211	2.314	-5.29935	-0.01908
1016.503	1016.471	1016.526	1016.368	4.692	5.185	3.815	-4.62929	-0.01667
1016.463	1016.466	1016.546	1016.374	4.209	4.929	4.1	-4.85574	-0.01748
1016.292	1016.383	1016.463	1016.292	3.678	4.348	3.545	-4.4332	-0.01596
1016.401	1016.317	1016.406	1016.228	3.839	4.022	3.4	-4.10378	-0.01477
1017.04	1016.649	1017.04	1016.391	3.274	3.922	3.25	-4.25232	-0.01531
1017.583	1017.283	1017.583	1017.04	3.427	3.711	3.022	8.410657	0.030278
1018.264	1017.94	1018.264	1017.583	2.431	4.127	2.431	186.1529	0.670151
1018.791	1018.516	1018.797	1018.264	4.135	4.619	2.329	387.8147	1.396133
1018.951	1018.865	1018.951	1018.769	3.178	4.359	2.668	599.3823	2.157776
1018.846	1018.924	1018.977	1018.846	2.157	3.174	0.608	788.3535	2.838073
1018.705	1018.821	1018.891	1018.705	-5.023	2.437	-5.258	935.2228	3.366802
1018.482	1018.577	1018.705	1018.422	-4.855	-4.431	-5.674	1044.225	3.759209
1018.145	1018.313	1018.482	1018.145	-4.826	-3.661	-5.262	1085.991	3.909568
1017.713	1017.894	1018.145	1017.713	-4.446	-3.65	-5.021	1063.057	3.827007
1017.579	1017.616	1017.713	1017.546	-3.681	-3.243	-4.494	975.3826	3.511378
1017.28	1017.475	1017.579	1017.28	-3.236	-2.77	-3.924	831.0457	2.991765
1016.958	1017.167	1017.328	1016.958	-3.493	-2.644	-3.565	646.4296	2.327146
1016.756	1016.839	1016.987	1016.726	-3.66	-3.059	-4.198	436.0242	1.569687
1016.898	1016.847	1016.925	1016.752	-1.51	-1.222	-3.743	227.6211	0.819436
1017.117	1016.947	1017.117	1016.837	-1.695	-1.344	-1.92	43.69561	0.157304
1017.775	1017.359	1017.775	1017.115	-2.074	-1.491	-2.265	-6.30337	-0.02269
1018.278	1018.06	1018.278	1017.775	-1.35	-1.135	-2.133	-5.88289	-0.02118
1018.271	1018.267	1018.29	1018.239	-1.225	-0.969	-1.404	-5.67929	-0.02045
1018.333	1018.287	1018.333	1018.249	-1.375	-1.087	-1.496	-5.59615	-0.02015
1018.453	1018.362	1018.453	1018.331	-1.144	-1.112	-1.485	-5.10139	-0.01837
1018.782	1018.628	1018.782	1018.453	-1.402	-0.936	-1.405	-4.53849	-0.01634
1019.023	1018.893	1019.023	1018.782	-1.015	-0.836	-1.442	-4.36276	-0.01571
1019.147	1019.071	1019.18	1018.993	-2.003	-0.861	-2.122	-4.4298	-0.01595
1019.443	1019.282	1019.443	1019.147	-1.923	-1.424	-2.133	-4.28573	-0.01543
1019.945	1019.704	1019.945	1019.443	-0.655	-0.603	-1.953	8.855421	0.03188
1020.4	1020.144	1020.4	1019.945	-1.067	-0.593	-1.842	185.2278	0.66682
1020.721	1020.62	1020.721	1020.4	-0.671	-0.516	-1.139	380.478	1.369721
1020.789	1020.767	1020.84	1020.683	-0.333	0.105	-0.807	591.9847	2.131145
1020.424	1020.63	1020.83	1020.424	0.037	0.491	-0.438	784.36	2.823696

1020.43	1020.514	1020.6	1020.424	0.129	0.51	-0.455	934.3632	3.363708
1019.95	1020.231	1020.43	1019.95	0.053	0.707	-0.645	1034.246	3.723286
1019.145	1019.643	1019.959	1019.145	-0.386	0.255	-1.661	1075.919	3.873309
1018.537	1018.84	1019.145	1018.537	-0.134	0.266	-0.743	1049.77	3.779173
1018.121	1018.316	1018.537	1018.091	-1.193	-0.017	-1.244	976.6424	3.515913
1017.512	1017.756	1018.121	1017.46	-1.203	-0.741	-1.924	786.2754	2.830591
1017.231	1017.443	1017.604	1017.231	-1.841	-0.951	-1.947	640.5042	2.305815
1017.441	1017.281	1017.441	1017.199	-1.716	-0.698	-2.046	424.4017	1.527846
1017.831	1017.572	1017.831	1017.367	-1.585	-1.384	-2.148	206.4062	0.743062
1018.062	1017.947	1018.062	1017.831	-1.156	-0.842	-1.674	41.26047	0.148538
1018.672	1018.298	1018.672	1018.046	-0.819	-0.761	-1.234	-6.47366	-0.02331
1019.023	1018.891	1019.036	1018.672	-1.111	-0.72	-1.166	-6.04569	-0.02176
1019.196	1019.086	1019.196	1019.001	-1.72	-0.898	-1.722	-5.97007	-0.02149
1019.099	1019.094	1019.232	1018.96	-1.587	-1.415	-1.866	-5.41226	-0.01948
1019.107	1019.147	1019.235	1019.081	-1.545	-1.197	-1.728	-5.60084	-0.02016
1019.263	1019.219	1019.317	1019.107	-1.849	-1.366	-2.009	-4.80951	-0.01731
1019.245	1019.292	1019.354	1019.242	-1.503	-1.304	-2.024	-4.98534	-0.01795
1019.483	1019.421	1019.602	1019.245	-1.73	-1.332	-1.986	-4.47964	-0.01613
1020.018	1019.771	1020.018	1019.483	-2.142	-1.439	-2.204	-3.9376	-0.01418
1020.256	1020.17	1020.281	1020.018	-1.622	-1.531	-2.176	7.735597	0.027848
1020.901	1020.485	1020.901	1020.256	-2.367	-1.22	-2.884	179.6715	0.646817
1021.175	1021.012	1021.175	1020.901	-1.604	-1.278	-2.369	377.1156	1.357616
1021.057	1021.144	1021.235	1021.048	-1.231	-0.939	-1.804	586.9215	2.112917
1020.995	1020.997	1021.083	1020.901	-1.317	-0.881	-1.648	779.3764	2.805755
1020.849	1020.93	1020.997	1020.849	-1.96	-1.062	-2.265	932.0371	3.355334
1020.177	1020.475	1020.849	1020.177	-1.978	-1.569	-2.485	1032.206	3.715942
1019.559	1019.931	1020.177	1019.559	-2.576	-1.604	-2.819	1076.029	3.873703
1019.102	1019.343	1019.575	1019.102	-2.94	-2.113	-3.178	1055.759	3.800731
1018.939	1019.03	1019.201	1018.853	-2.533	-2.235	-3.509	970.7495	3.494698
1018.455	1018.662	1018.939	1018.455	-3.565	-2.351	-3.851	833.8608	3.001899
1018.075	1018.286	1018.455	1018.075	-5.009	-3.112	-5.312	647.8708	2.332335
1018.045	1018.046	1018.123	1017.963	-7.982	-4.998	-8.08	443.9109	1.598079
1018.305	1018.138	1018.305	1018	-7.868	-6.787	-8.17	238.0133	0.856848
1018.77	1018.534	1018.77	1018.305	-8.01	-7.389	-8.42	47.18626	0.169871
1019.18	1018.899	1019.18	1018.77	-8.33	-7.611	-8.37	-7.04878	-0.02538
1019.704	1019.497	1019.704	1019.18	-8.12	-7.724	-8.37	-6.44882	-0.02322
1019.811	1019.776	1019.835	1019.704	-7.597	-7.34	-8.17	-6.179	-0.02224
1019.704	1019.769	1019.811	1019.704	-7.42	-7.195	-7.669	-4.69995	-0.01692
1019.604	1019.708	1019.772	1019.585	-7.286	-7.052	-7.674	-5.2986	-0.01907
1019.626	1019.594	1019.645	1019.523	-7.733	-7.273	-8.07	-5.09175	-0.01833
1019.56	1019.585	1019.642	1019.5	-7.637	-7.394	-7.956	-5.29104	-0.01905
1019.653	1019.572	1019.653	1019.521	-7.689	-7.466	-7.854	-4.47435	-0.01611
1019.748	1019.647	1019.751	1019.584	-7.77	-7.392	-7.833	-5.01851	-0.01807
1020.05	1019.963	1020.068	1019.748	-7.52	-7.322	-7.945	6.027631	0.021699
1020.389	1020.188	1020.389	1020.017	-7.726	-6.755	-8.71	196.6989	0.708116
1020.634	1020.54	1020.69	1020.389	-7.915	-7.217	-8.2	401.9926	1.447173
1020.672	1020.785	1020.859	1020.634	-7.695	-7.045	-8.4	617.7458	2.223885
1020.506	1020.566	1020.672	1020.502	-9.87	-6.968	-10.6	819.6195	2.95063

1020.294	1020.49	1020.535	1020.294	-10.09	-9.3	-10.58	972.3566	3.500484
1019.605	1019.99	1020.294	1019.605	-11.4	-9.48	-12.11	1075.001	3.870002
1019.194	1019.41	1019.611	1019.164	-12.22	-11.29	-13.57	1116.214	4.018371
1018.818	1018.987	1019.194	1018.818	-12.87	-11.25	-15.48	1096.356	3.946883
1018.361	1018.642	1018.827	1018.361	-15.95	-11.03	-15.96	1010.007	3.636025
1017.896	1018.129	1018.361	1017.847	-14.21	-13.15	-19.78	869.2707	3.129375
1017.586	1017.732	1017.897	1017.541	-12.65	-11.38	-14.42	676.0739	2.433866
1017.503	1017.518	1017.619	1017.45	-12.69	-12.18	-15.11	461.7945	1.66246
1017.74	1017.601	1017.74	1017.503	-13.21	-12.46	-13.82	247.8394	0.892222
1018.106	1017.924	1018.106	1017.74	-11.39	-11	-13.57	50.50845	0.18183
1018.456	1018.234	1018.456	1018.106	-11.03	-11.03	-11.78	-7.06458	-0.02543
1018.787	1018.698	1018.83	1018.456	-12.69	-11.07	-12.81	-6.79334	-0.02446
1018.659	1018.727	1018.787	1018.659	-13.06	-12.44	-13.38	-6.41467	-0.02309
1018.598	1018.664	1018.707	1018.598	-12.97	-12.67	-13.45	-6.10966	-0.02199
1018.212	1018.406	1018.617	1018.206	-11.96	-11.67	-13.06	-5.17627	-0.01863
1018.162	1018.192	1018.228	1018.136	-9.25	-9.19	-12.24	-4.91843	-0.01771
1017.917	1018.037	1018.162	1017.917	-9.89	-9.15	-10.36	-4.88593	-0.01759
1017.84	1017.905	1018.003	1017.84	-10.71	-9.81	-10.82	-4.73341	-0.01704
1017.852	1017.821	1017.852	1017.772	-11.18	-9.38	-11.25	-3.91052	-0.01408
1018.284	1018.068	1018.284	1017.846	-11.01	-10.41	-11.41	5.465184	0.019675
1018.443	1018.305	1018.443	1018.26	-10.23	-9.79	-11.23	198.3695	0.71413
1018.488	1018.518	1018.558	1018.443	-7.555	-7.262	-10.23	399.9385	1.439779
1018.521	1018.516	1018.594	1018.412	-5.156	-4.925	-7.776	616.024	2.217686
1018.17	1018.333	1018.564	1018.17	-4.515	-3.795	-5.54	806.8654	2.904716
1018.041	1018.103	1018.217	1017.99	-7.372	-4.074	-9.4	955.8453	3.441043
1017.816	1017.866	1018.041	1017.776	-7.244	-5.815	-11.33	1063.123	3.827242
1017.357	1017.579	1017.816	1017.308	-9.29	-6.268	-11.55	1113.022	4.006879
1016.816	1017.122	1017.357	1016.816	-6.926	-6.798	-14.18	1086.768	3.912365
1016.337	1016.66	1016.816	1016.337	-10.68	-4.722	-10.68	995.2158	3.582777
1016.042	1016.232	1016.417	1016.042	-10.75	-7.271	-13.47	856.6069	3.083785
1015.709	1015.907	1016.083	1015.709	-9.45	-7.184	-12.64	667.9857	2.404748
1015.447	1015.609	1015.709	1015.447	-8.04	-6.012	-12.31	350.3699	1.261332
1015.426	1015.418	1015.453	1015.358	-6.586	-6.519	-10.8	244.6166	0.88062
1015.541	1015.474	1015.558	1015.351	-7.027	-6.122	-7.527	50.39777	0.181432
1016.145	1015.787	1016.145	1015.541	-6.32	-6.179	-7.146	-6.17349	-0.02222
1016.694	1016.382	1016.694	1016.145	-6.371	-6.179	-6.76	-5.40026	-0.01944
1016.793	1016.743	1016.805	1016.694	-5.728	-5.397	-6.516	-5.16036	-0.01858
1016.614	1016.703	1016.801	1016.598	-3.683	-2.886	-5.782	-4.96356	-0.01787
1016.644	1016.605	1016.707	1016.545	-0.263	-0.18	-4.246	-4.91324	-0.01769
1016.681	1016.656	1016.71	1016.573	1.086	1.466	-0.304	-5.03945	-0.01814
1016.696	1016.624	1016.698	1016.525	0.615	1.235	-0.291	-4.68448	-0.01686
1016.645	1016.68	1016.748	1016.608	-0.017	0.75	-0.606	-4.11223	-0.0148
1017.047	1016.781	1017.047	1016.619	0.47	0.654	-0.308	-5.0548	-0.0182
1017.663	1017.361	1017.688	1017.047	0.235	0.671	-0.839	6.690257	0.024085
1017.82	1017.806	1017.899	1017.663	1.148	1.337	-0.367	182.742	0.657871
1017.932	1017.909	1017.951	1017.82	0.273	1.371	0.263	385.8853	1.389187
1017.942	1017.975	1018.035	1017.913	0.817	1.471	-0.222	598.9689	2.156288
1018.034	1017.974	1018.051	1017.885	0.917	1.558	-0.187	788.469	2.838488



1017.916	1017.923	1018.06	1017.787	-1.577	1.133	-2.358	940.0071	3.384026
1017.528	1017.701	1017.916	1017.466	-3.239	-0.998	-3.585	1043.946	3.758205
1017.191	1017.439	1017.623	1017.191	-7.276	-2.325	-9.76	1092.052	3.931388
1017.065	1017.102	1017.268	1016.942	-4.455	-4.455	-8.07	1068.067	3.84504
1016.73	1016.83	1017.065	1016.608	-4.781	-3.681	-6.466	987.2477	3.554092
1016.137	1016.372	1016.73	1016.119	-6.937	-4.534	-7.1	842.2115	3.031961
1015.753	1015.917	1016.181	1015.753	-6.4	-4.873	-6.972	656.5899	2.363724
1015.48	1015.6	1015.753	1015.466	-5.335	-4.287	-6.832	441.9675	1.591083
1015.794	1015.612	1015.794	1015.463	-5.002	-4.659	-6.228	235.2592	0.846933
1016.218	1015.977	1016.218	1015.794	-4.74	-4.114	-5.357	47.19267	0.169894
1016.621	1016.397	1016.621	1016.218	-4.813	-4.447	-5.069	-6.17549	-0.02223
1017.156	1016.865	1017.156	1016.621	-4.262	-3.513	-4.908	-5.25216	-0.01891
1017.248	1017.171	1017.248	1017.108	-3.172	-3.087	-4.42	-5.01231	-0.01804
1017.432	1017.376	1017.515	1017.248	-3.086	-2.814	-3.385	-4.69139	-0.01689
1017.558	1017.508	1017.558	1017.432	-2.263	-2.16	-3.139	-4.6694	-0.01681
1017.834	1017.68	1017.834	1017.558	-1.834	-1.669	-2.637	-3.87945	-0.01397
1017.739	1017.806	1017.914	1017.713	-1.694	-1.517	-2.634	-4.09419	-0.01474
1018.214	1017.974	1018.214	1017.739	-2.504	-1.533	-3.348	-4.47691	-0.01612
1018.808	1018.395	1018.808	1018.169	-2.472	-1.975	-3.249	-4.00755	-0.01443
1019.58	1019.087	1019.58	1018.808	-1.796	-1.626	-2.743	7.103009	0.025571
1020.036	1019.788	1020.07	1019.58	-2.168	-1.521	-3.177	180.7862	0.65083
1020.38	1020.273	1020.38	1020.036	1.488	1.693	-2.309	382.885	1.378386
1020.29	1020.344	1020.41	1020.286	1.8	3.33	1.1	595.1049	2.142378
1020.047	1020.176	1020.29	1020.047	-1.903	1.942	-1.97	785.7089	2.828552
1019.918	1020.052	1020.132	1019.918	-1.371	-0.768	-2.462	935.1206	3.366434
1019.593	1019.74	1019.918	1019.479	-2.639	-1.106	-2.661	1035.932	3.729356
1019.151	1019.385	1019.593	1019.111	-2.996	-2.201	-3.315	1076.883	3.87678
1018.669	1018.907	1019.151	1018.669	-3.418	-2.604	-3.844	1052.549	3.789176
1018.129	1018.39	1018.669	1018.103	-4.038	-3.068	-4.248	968.0229	3.484883
1017.558	1017.892	1018.129	1017.558	-4.094	-3.671	-4.523	827.6096	2.979394
1017.092	1017.305	1017.558	1017.092	-3.298	-3.118	-4.72	641.9916	2.31117
1017.131	1017.023	1017.131	1016.862	-2.024	-1.56	-3.896	432.7505	1.557902
1017.262	1017.179	1017.262	1017.117	-2.281	-1.732	-2.759	226.0163	0.813659
1017.949	1017.568	1017.949	1017.262	-2.832	-1.784	-2.834	42.24733	0.15209
1018.702	1018.309	1018.702	1017.949	-3.912	-2.748	-3.968	-6.33965	-0.02282
1019.353	1019.059	1019.353	1018.702	-4.092	-3.717	-4.235	-5.88113	-0.02117
1019.747	1019.503	1019.747	1019.353	-3.752	-3.665	-4.203	-5.7509	-0.0207
1019.95	1019.907	1019.973	1019.747	-3.847	-3.565	-4.085	-5.70327	-0.02053
1019.775	1019.909	1019.994	1019.775	-3.731	-3.55	-3.927	-4.63025	-0.01667
1019.72	1019.702	1019.775	1019.636	-4.039	-3.55	-4.209	-4.61575	-0.01662
1019.987	1019.837	1019.987	1019.72	-4.178	-3.521	-4.244	-4.14277	-0.01491
1020.356	1020.052	1020.356	1019.922	-4.519	-4.063	-4.777	-4.44939	-0.01602
1020.799	1020.515	1020.799	1020.354	-4.62	-4.366	-4.88	-3.63504	-0.01309
1021.312	1021.046	1021.321	1020.799	-4.457	-4.332	-4.71	6.759852	0.024335
1021.692	1021.534	1021.705	1021.312	-4.138	-3.819	-4.521	179.4264	0.645935
1021.907	1021.842	1021.913	1021.692	-4.551	-3.741	-4.944	376.8875	1.356795
1021.786	1021.893	1021.915	1021.786	-4.871	-4.188	-5.177	582.8058	2.098101
1021.547	1021.619	1021.786	1021.498	-3.899	-3.616	-5.712	774.4061	2.787862

1021.385	1021.463	1021.563	1021.359	-3.161	-2.746	-4.269	928.3917	3.34221
1020.989	1021.233	1021.385	1020.989	-4.145	-2.81	-4.145	1031.507	3.713427
1020.474	1020.759	1020.989	1020.474	-4.02	-2.995	-4.303	1073.392	3.86421
1019.809	1020.141	1020.474	1019.805	-4.872	-3.555	-5.083	1056.677	3.804039
1019.089	1019.487	1019.809	1019.089	-4.408	-3.972	-4.871	970.4337	3.493561
1018.554	1018.79	1019.089	1018.527	-3.472	-3.076	-4.636	830.4221	2.989519
1018.24	1018.413	1018.554	1018.237	-3.075	-3.033	-3.946	693.254	2.495714
1018.372	1018.234	1018.372	1018.142	-3.444	-3.048	-3.652	438.0432	1.576956
1018.731	1018.522	1018.731	1018.372	-2.401	-2.215	-3.452	227.7126	0.819765
1019.099	1018.934	1019.099	1018.731	-1.982	-1.814	-2.558	43.17492	0.15543
1019.78	1019.476	1019.78	1019.099	-1.489	-1.272	-2.103	-6.52849	-0.0235
1020.199	1019.996	1020.199	1019.78	-0.837	-0.656	-1.496	-5.95513	-0.02144
1020.451	1020.3	1020.451	1020.199	-1.137	-0.53	-1.483	-6.23322	-0.02244
1020.573	1020.459	1020.573	1020.364	-1.019	-0.369	-1.248	-5.22099	-0.0188
1020.241	1020.457	1020.594	1020.241	-1.277	-0.605	-1.353	-4.99253	-0.01797
1020.258	1020.234	1020.28	1020.174	-1.45	-0.834	-1.631	-4.66196	-0.01678
1020.189	1020.21	1020.271	1020.172	-1.692	-1.159	-1.847	-3.76606	-0.01356
1020.195	1020.233	1020.278	1020.189	-1.785	-1.1	-2.086	-3.71248	-0.01336
1020.448	1020.283	1020.448	1020.171	-2.147	-1.35	-2.246	-3.93047	-0.01415
1020.785	1020.571	1020.785	1020.434	-2.297	-1.74	-2.42	7.319292	0.026349
1021.034	1020.918	1021.046	1020.785	-1.716	-1.667	-2.35	171.7677	0.618364
1021.107	1021.025	1021.107	1020.979	-2.648	-1.302	-2.733	368.2547	1.325717
1020.945	1021.049	1021.133	1020.945	-3.349	-2.239	-4.816	577.7734	2.079984
1020.624	1020.82	1020.961	1020.624	-1.549	-1.294	-3.484	768.982	2.768335
1020.408	1020.543	1020.642	1020.408	-1.893	-0.955	-2.033	922.7957	3.322064
1019.742	1020.108	1020.408	1019.742	-3.025	-1.504	-3.212	1024.107	3.686785
1018.887	1019.336	1019.742	1018.887	-3.129	-2.521	-3.354	1069.604	3.850575
1018.094	1018.596	1018.897	1018.094	-3.876	-3.006	-4.137	1050.575	3.782072
1017.723	1018.045	1018.221	1017.723	-4.28	-3.163	-4.34	866.747	3.120289
1017.573	1017.687	1017.76	1017.573	-5.9	-3.802	-6.143	833.4771	3.000517
1017.097	1017.342	1017.573	1017.097	-5.697	-5.405	-6.294	652.0313	2.347312
1017.003	1017.003	1017.136	1016.928	-5.661	-5.152	-5.895	440.5193	1.58587
1017.251	1017.129	1017.264	1017.003	-6.389	-5.261	-6.712	232.6505	0.837542
1017.697	1017.431	1017.697	1017.251	-6.479	-6.033	-6.604	45.07093	0.162255
1018.195	1017.903	1018.195	1017.697	-6.662	-6.305	-6.847	-6.51768	-0.02346
1018.521	1018.379	1018.521	1018.195	-6.963	-6.421	-7.179	-5.86797	-0.02112
1018.482	1018.495	1018.553	1018.429	-7.513	-6.745	-7.753	-5.38293	-0.01938
1018.659	1018.593	1018.659	1018.482	-7.521	-7.195	-7.747	-5.64131	-0.02031
1018.664	1018.714	1018.8	1018.659	-7.562	-7.125	-7.679	-4.96863	-0.01789
1018.594	1018.627	1018.677	1018.589	-7.835	-7.378	-7.922	-4.97133	-0.0179
1018.635	1018.595	1018.644	1018.562	-8.36	-7.566	-8.43	-5.11239	-0.0184
1018.708	1018.706	1018.772	1018.635	-8.93	-8.21	-9.05	-4.84638	-0.01745
1018.972	1018.811	1018.972	1018.708	-8.76	-8.36	-9.11	-5.01727	-0.01806
1019.373	1019.127	1019.373	1018.954	-8.87	-8.55	-9.05	5.25226	0.018908
1019.608	1019.528	1019.668	1019.373	-7.744	-7.302	-8.87	179.8163	0.647339
1019.897	1019.825	1019.935	1019.608	-9.09	-7.537	-9.32	383.4132	1.380288
1019.729	1019.803	1019.905	1019.673	-8.17	-8.04	-9.2	594.6696	2.140811
1019.62	1019.63	1019.729	1019.526	-4.244	-3.942	-8.32	784.2329	2.823238

1019.388	1019.502	1019.62	1019.388	-3.138	-2.688	-4.398	935.0243	3.366087
1019.248	1019.325	1019.388	1019.248	-4.233	-2.669	-4.456	1035.575	3.728069
1018.973	1019.105	1019.248	1018.883	-4.128	-3.736	-6.001	1082.94	3.898584
1018.773	1018.761	1018.973	1018.592	-5.21	-3.818	-5.805	1061.811	3.82252
1018.256	1018.395	1018.773	1018.233	-7.178	-4.174	-7.892	982.1163	3.535619
1017.978	1018.133	1018.256	1017.978	-8.58	-6.746	-9.94	848.5824	3.054897
1017.712	1017.83	1017.978	1017.537	-7.659	-6.651	-9.07	660.6263	2.378255
1017.746	1017.707	1017.791	1017.637	-7.725	-6.608	-8.97	446.6122	1.607804
1017.931	1017.883	1017.986	1017.746	-8.02	-6.745	-9.2	237.4637	0.854869
1018.37	1018.114	1018.37	1017.931	-7.269	-7.087	-8.42	45.84915	0.165057
1019.097	1018.691	1019.097	1018.37	-7.468	-6.955	-7.62	-6.70824	-0.02415
1019.418	1019.265	1019.435	1019.097	-7.367	-7.152	-7.705	-5.76476	-0.02075
1019.724	1019.573	1019.724	1019.418	-7.013	-6.896	-7.667	-5.58981	-0.02012
1020.024	1019.881	1020.024	1019.724	-4.026	-3.924	-7.08	-5.61727	-0.02022
1020.058	1020.085	1020.142	1020.024	-4.469	-3.573	-5.347	-5.49857	-0.01979
1020.366	1020.226	1020.366	1020.058	-3.85	-3.659	-4.848	-5.09749	-0.01835
1020.65	1020.471	1020.65	1020.366	-2.849	-2.551	-3.818	-4.1756	-0.01503
1020.8	1020.698	1020.812	1020.637	-1.669	-1.611	-3.147	-4.33239	-0.0156
1021.397	1021.079	1021.397	1020.8	-2.257	-1.399	-3.313	-4.78043	-0.01721
1022.127	1021.721	1022.127	1021.397	-3.635	-1.374	-3.635	5.751863	0.020707
1022.722	1022.395	1022.722	1022.127	-1.869	-1.137	-3.978	174.1436	0.626917
1023.013	1022.991	1023.107	1022.722	1.478	1.659	-1.869	373.9111	1.34608
1022.992	1023.023	1023.064	1022.954	0.075	1.794	-0.134	580.2339	2.088842
1022.956	1022.981	1023.095	1022.904	-0.756	0.194	-1.332	765.6835	2.756461
1022.666	1022.868	1022.956	1022.666	0.262	0.855	-1.12	917.8616	3.304302
1022.48	1022.591	1022.718	1022.435	-0.028	0.847	-1.366	1046.792	3.768452
1022.4	1022.42	1022.487	1022.256	0.978	1.204	-0.18	1076.377	3.874958
1022.052	1022.231	1022.4	1022.052	0.306	1.138	0.216	1042.807	3.754105
1021.928	1022.004	1022.101	1021.903	1.05	1.425	0.308	974.4767	3.508116
1021.544	1021.701	1021.928	1021.521	1.996	2.335	0.954	807.0047	2.905217
1021.458	1021.516	1021.614	1021.441	1.996	2.48	1.666	507.1075	1.825587
1021.28	1021.303	1021.458	1021.199	2.337	2.58	1.425	393.9315	1.418153
1021.482	1021.274	1021.482	1021.162	2.248	2.54	1.894	277.6291	0.999465
1021.756	1021.596	1021.756	1021.463	2.041	2.436	1.909	31.48855	0.113359
1022.365	1022.031	1022.365	1021.756	1.664	2.245	1.611	-5.14419	-0.01852
1023.003	1022.658	1023.003	1022.365	1.289	1.95	1.289	-5.02414	-0.01809
1023.209	1023.084	1023.209	1022.991	1.016	1.57	0.819	-4.74668	-0.01709
1023.388	1023.294	1023.406	1023.209	1.215	1.316	0.763	-4.38961	-0.0158
1023.546	1023.449	1023.546	1023.384	1.256	1.566	1.052	-4.74236	-0.01707
1023.594	1023.564	1023.609	1023.524	0.932	1.546	0.839	-4.08927	-0.01472
1023.762	1023.744	1023.834	1023.594	-0.013	0.966	-0.145	-4.27072	-0.01537
1024.257	1024.006	1024.257	1023.762	0.037	0.481	-0.118	-4.15259	-0.01495
1024.618	1024.412	1024.624	1024.257	0.512	0.826	-0.207	-3.9684	-0.01429
1024.882	1024.784	1024.901	1024.608	0.04	0.944	-0.041	5.213664	0.018769
1025.334	1025.115	1025.353	1024.882	0.21	0.359	-0.049	119.3342	0.429603
1025.618	1025.465	1025.646	1025.331	1.267	1.486	0.087	365.2715	1.314977
1025.548	1025.636	1025.697	1025.548	1.996	2.02	1.214	566.33	2.038788
1025.148	1025.359	1025.548	1025.148	3.064	3.743	1.835	756.6034	2.723772

1025.017	1025.087	1025.148	1025.017	2.773	3.481	2.454	915.1105	3.294398
1024.512	1024.755	1025.017	1024.444	2.682	3.087	1.963	1046.464	3.767269
1024.204	1024.428	1024.621	1024.204	2.914	3.344	2.257	821.3425	2.956833
1023.86	1024.026	1024.204	1023.836	2.524	3.322	2.393	899.0095	3.236434
1023.342	1023.63	1023.86	1023.342	2.534	3.574	2.2	844.5682	3.040446
1022.892	1023.108	1023.342	1022.892	2.246	2.807	2.006	826.7449	2.976281
1022.403	1022.646	1022.892	1022.403	2.467	2.522	0.671	568.6398	2.047103
1021.997	1022.182	1022.41	1021.937	2.072	2.648	0.417	432.3792	1.556565
1022.211	1022.011	1022.211	1021.917	2.483	2.947	1.124	223.3314	0.803993
1022.766	1022.45	1022.766	1022.211	1.237	2.662	1.072	42.88005	0.154368
1023.692	1023.2	1023.692	1022.766	1.11	1.504	1.037	-5.69008	-0.02048
1024.518	1024.044	1024.518	1023.692	0.899	1.319	0.832	-5.54319	-0.01996
1024.865	1024.716	1024.865	1024.518	0.332	1.151	0.249	-5.91444	-0.02129
1025.184	1025.13	1025.245	1024.865	0.39	0.553	-0.024	-5.03847	-0.01814
1025.08	1025.137	1025.184	1025.08	2.235	3.716	0.224	-5.01714	-0.01806
1025.087	1025.017	1025.087	1024.947	0.759	4.089	0.759	-3.98472	-0.01435
1025.349	1025.27	1025.481	1025.087	0.784	3.845	0.225	-4.52832	-0.0163
1025.639	1025.484	1025.639	1025.349	0.846	1.893	-0.243	-4.15875	-0.01497
1025.857	1025.72	1025.857	1025.639	0.764	1.243	-0.105	-3.87528	-0.01395
1026.604	1026.243	1026.604	1025.857	0.884	1.181	0.104	7.163348	0.025788
1027.146	1026.87	1027.146	1026.604	1.984	2.134	0.317	161.2241	0.580407
1027.196	1027.193	1027.225	1027.146	4.295	4.461	1.732	359.8135	1.295329
1027.188	1027.246	1027.318	1027.167	6.582	6.624	4.289	555.1253	1.998451
1026.714	1026.92	1027.188	1026.714	7.462	7.731	6.398	753.6689	2.713208
1026.316	1026.507	1026.714	1026.298	7.204	7.825	7.153	888.2838	3.197821
1025.518	1025.996	1026.316	1025.518	6.907	7.467	6.504	991.7892	3.570441
1024.652	1025.149	1025.518	1024.652	6.704	7.181	6.457	1079.541	3.886348
1024.075	1024.177	1024.652	1023.998	8.89	9.27	5.993	730.2662	2.628958
1024.043	1024.161	1024.285	1023.963	9.32	11.33	8.52	364.3705	1.311734
1023.375	1023.668	1024.043	1023.352	6.613	9.86	6.206	315.0046	1.134017
1023.363	1023.29	1023.386	1023.151	9.81	10.63	6.048	167.3404	0.602426
1023.427	1023.394	1023.459	1023.344	9.6	11.48	8.71	112.0236	0.403285
1023.557	1023.49	1023.569	1023.427	11.98	12.14	8.67	44.25743	0.159327
1023.351	1023.419	1023.557	1023.343	10.22	12.06	9.85	8.914237	0.032091
1023.823	1023.504	1023.823	1023.348	9.87	10.28	9.59	-3.36113	-0.0121
1024.415	1024.201	1024.415	1023.823	12.26	12.52	9.29	-4.78504	-0.01723
1024.248	1024.417	1024.515	1024.248	12.13	13.32	10.74	-4.25217	-0.01531
1024.289	1024.319	1024.409	1024.248	10.88	12.59	10.16	-3.93508	-0.01417
1024.034	1024.203	1024.289	1024.022	11.22	11.72	10.68	-3.81079	-0.01372
1024.23	1024.142	1024.257	1024.01	10.82	11.29	9.28	-3.39086	-0.01221
1024.258	1024.203	1024.307	1024.055	10.63	10.92	9.87	-3.52704	-0.0127
1024.422	1024.289	1024.422	1024.188	10.64	10.91	9.68	-3.19087	-0.01149
1024.546	1024.449	1024.546	1024.395	10.39	11.51	9.89	-3.07671	-0.01108
1024.586	1024.656	1024.71	1024.546	10.59	10.86	10.28	6.789553	0.024442
1024.935	1024.747	1024.954	1024.586	9.53	10.66	9.06	138.2058	0.497541
1025.297	1025.117	1025.297	1024.935	10.96	11.07	9.51	339.4037	1.221853
1025.131	1025.25	1025.387	1025.092	10.41	11.22	10.05	547.3306	1.97039
1024.8	1024.963	1025.131	1024.749	9.02	10.43	8.84	736.1832	2.650259

1024.474	1024.684	1024.8	1024.474	7.65	9.21	7.411	890.8088	3.206912
1023.727	1024.101	1024.474	1023.727	7.598	7.991	6.969	1013.432	3.648357
1022.892	1023.293	1023.727	1022.892	7.681	8.02	7.33	629.4535	2.266033
1021.959	1022.556	1022.929	1021.959	7.606	10.62	7.325	572.8112	2.06212
1021.945	1021.776	1021.959	1021.65	7.738	8.04	6.48	526.921	1.896915
1023.705	1022.989	1023.705	1021.945	15.81	16.93	7.678	35.76774	0.128764
1023.695	1024.001	1024.457	1023.653	17.05	17.48	13.67	21.80169	0.078486
1022.159	1022.883	1023.695	1022.159	17.29	18.2	14.58	69.72059	0.250994
1022.422	1022.247	1022.449	1022.091	18.01	18.38	15.66	35.71726	0.128582
1022.738	1022.628	1022.801	1022.391	17.39	18.02	16.65	0.451233	0.001624
1022.942	1022.707	1022.942	1022.598	14.17	17.56	12.51	-4.01535	-0.01446
1022.353	1022.767	1022.971	1022.353	10.97	14.6	10.68	-1.71641	-0.00618
1022.184	1022.265	1022.358	1022.178	11.95	14.7	10.75	-2.05478	-0.0074
1022.073	1022.242	1022.34	1022.073	12.88	14.35	11.52	-2.42463	-0.00873
1021.871	1021.953	1022.073	1021.857	14.36	14.68	12.02	-3.38602	-0.01219
1022.07	1021.943	1022.07	1021.87	13.98	14.74	12.38	-3.35978	-0.0121
1022.072	1022.119	1022.219	1022.028	13.35	14.07	12.13	-2.90553	-0.01046
1022.131	1022.096	1022.158	1022.035	11.96	14.17	11.82	-2.5443	-0.00916
1022.368	1022.175	1022.456	1022.063	13.4	14.4	11.45	-3.23951	-0.01166
1022.58	1022.442	1022.58	1022.326	12.94	13.72	12.24	6.054806	0.021797
1022.905	1022.775	1022.905	1022.58	14.32	14.62	11.84	95.39447	0.34342
1023.112	1023.085	1023.187	1022.905	13.98	14.58	12.97	342.6301	1.233469
1022.975	1023.102	1023.163	1022.975	13.19	15.09	12.66	602.7291	2.169825
1022.816	1022.911	1022.975	1022.816	11.07	13.75	8.83	761.7921	2.742451
1022.448	1022.645	1022.816	1022.446	8.66	11.79	8.11	750.9333	2.70336
1022.089	1022.327	1022.475	1022.089	9.35	12.2	8.01	800.4349	2.881566
1021.248	1021.764	1022.089	1021.248	8.18	10.5	8.08	763.7169	2.749381
1020.725	1020.977	1021.248	1020.725	9.07	10.69	7.933	894.3184	3.219546
1020.319	1020.636	1020.757	1020.319	9.96	10.91	8.38	825.6092	2.972193
1020.648	1020.265	1020.653	1020.014	8.7	10.48	7.962	358.5153	1.290655
1020.649	1020.781	1020.982	1020.647	11.29	13.23	7.741	76.74427	0.276279
1020.278	1020.493	1020.649	1020.278	11.89	13.15	10.53	113.5425	0.408753
1020.121	1020.078	1020.278	1019.963	11.36	12.42	11.28	86.79094	0.312447
1020.432	1020.283	1020.432	1020.121	11.82	11.82	10.93	17.26353	0.062149
1021.019	1020.688	1021.019	1020.432	12.35	14.35	11.58	-2.74241	-0.00987
1022.481	1022.09	1022.481	1021.019	14.03	14.78	12.17	-3.13373	-0.01128
1023.089	1022.656	1023.089	1022.481	12.92	14.22	12.79	-2.61934	-0.00943
1023.097	1023.279	1023.588	1023.076	11.65	13.29	10.51	-3.42361	-0.01233
1023.54	1023.309	1023.54	1023.097	12.58	15.68	10.41	-6.75799	-0.02433
1022.809	1023.218	1023.597	1022.809	13.58	13.58	11.36	-5.434	-0.01956
1022.914	1022.838	1023.001	1022.706	13.75	14.09	11.72	-1.80613	-0.0065
1022.561	1022.77	1022.919	1022.561	13.92	14.65	13.17	-1.93728	-0.00697
1022.143	1022.374	1022.584	1022.143	14.49	14.8	13.67	-2.34672	-0.00845
1023.146	1022.354	1023.146	1021.983	13.66	14.71	13.5	19.11117	0.0688
1023.831	1023.44	1023.831	1023.146	13.42	14.53	12.39	172.0527	0.61939
1024.122	1023.983	1024.122	1023.831	12.04	14.58	11.75	292.0613	1.051421
1024.146	1024.135	1024.182	1024.099	12.11	12.67	11.16	555.6119	2.000203
1024.093	1024.141	1024.175	1024.077	12.17	12.9	11.59	453.3992	1.632237

1024.114	1024.132	1024.172	1024.091	11.05	12.43	10.63	373.1078	1.343188
1023.589	1023.876	1024.114	1023.589	11.26	11.62	10.66	525.54	1.891944
1022.931	1023.356	1023.589	1022.931	10.4	11.95	9.62	975.7251	3.51261
1021.825	1022.513	1022.931	1021.825	9.68	10.99	9.41	918.5649	3.306834
1021.462	1021.799	1021.999	1021.462	9.57	10.53	7.884	598.6359	2.155089
1020.517	1021.202	1021.495	1020.517	6.951	10.89	5.858	693.515	2.496654
1020.622	1020.682	1020.816	1020.496	7.881	9.1	6.446	667.8936	2.404417
1019.959	1020.384	1020.622	1019.959	10.79	12.19	7.523	457.3574	1.646487
1020.958	1020.216	1020.958	1019.906	13.19	13.32	9.98	108.1502	0.389341
1023.948	1023.126	1024.059	1020.958	17.18	17.52	12.67	0.917602	0.003303
1022.977	1023.541	1023.948	1022.953	16.64	17.67	16.64	-0.45759	-0.00165
1024.107	1024.023	1024.575	1022.977	15.34	16.85	14.71	-1.05977	-0.00382
1023.789	1023.855	1024.107	1023.643	16.09	16.89	15	-1.74912	-0.0063
1024.045	1023.998	1024.125	1023.789	15.99	16.44	14.58	-2.87696	-0.01036
1024.125	1024.142	1024.267	1023.96	15.05	16.7	14.94	-3.0768	-0.01108
1023.846	1023.979	1024.174	1023.816	15.53	16.09	14.83	-2.73488	-0.00985
1023.638	1023.743	1023.846	1023.638	14.95	15.87	14.74	-2.45254	-0.00883
1023.461	1023.461	1023.638	1023.343	14.73	15.29	14.48	-3.24552	-0.01168
1023.709	1023.487	1023.709	1023.393	15.05	15.47	14.45	-2.94121	-0.01059
1023.859	1023.818	1023.888	1023.709	15.03	15.27	14.78	3.764885	0.013554
1024.069	1024.003	1024.106	1023.855	15.47	15.64	14.87	128.8106	0.463718
1024.423	1024.278	1024.53	1024.069	15.31	16.12	15	341.7095	1.230154
1024.307	1024.411	1024.517	1024.307	14.29	16.71	13.84	539.8464	1.943447
1024.268	1024.259	1024.307	1024.196	13.74	15.53	13.43	728.5311	2.622712
1023.948	1024.177	1024.324	1023.948	14.6	15.26	12.88	880.4302	3.169549
1023.265	1023.68	1023.948	1023.265	12.61	14.86	11.1	993.9662	3.578279
1022.454	1022.933	1023.265	1022.454	11.49	13.56	9.91	974.7343	3.509043
1022.917	1022.546	1022.933	1022.228	14.56	15.24	10.34	253.0548	0.910997
1022.687	1022.768	1022.994	1022.65	13.28	15.39	12.92	194.4403	0.699985
1022.562	1022.694	1023.042	1022.43	13.11	15.03	12.77	110.0098	0.396035
1021.662	1022.015	1022.562	1021.564	15.94	16.72	13.05	90.72734	0.326618
1020.793	1021.025	1021.662	1020.63	15.64	16.09	14.62	110.8625	0.399105
1021.617	1021.367	1021.619	1020.793	15.05	16.01	13.13	208.3058	0.749901
1021.882	1021.625	1021.882	1021.427	15.06	15.7	13.7	10.18844	0.036678
1022.305	1021.949	1022.305	1021.799	15.71	16.06	14.77	-3.45194	-0.01243
1022.485	1022.479	1022.715	1022.305	15.34	16.16	14.75	-2.00728	-0.00723
1022.169	1022.262	1022.494	1022.068	16.47	16.82	15.04	-2.32605	-0.00837
1022.113	1022.111	1022.202	1022.021	16.03	16.55	15.64	-1.82436	-0.00657
1021.896	1022.095	1022.184	1021.896	15.89	16.45	15.89	-2.50028	-0.009
1021.495	1021.662	1021.896	1021.472	16.27	16.32	15.46	-1.85534	-0.00668
1021.297	1021.389	1021.495	1021.245	15.91	16.49	15.58	-2.34211	-0.00843
1021.187	1021.289	1021.324	1021.187	15.59	16.13	15.52	-1.76901	-0.00637
1021.283	1021.166	1021.285	1021.056	15.86	16.26	15.5	-1.48979	-0.00536
1021.874	1021.531	1021.874	1021.283	15.82	16.33	15.76	6.660868	0.023979
1022.057	1021.943	1022.057	1021.855	15.53	16.27	15.46	73.96733	0.266282
1021.961	1021.99	1022.057	1021.946	15.51	16.12	15.3	332.6914	1.197689
1021.997	1021.992	1022.014	1021.957	14.32	15.59	14.08	542.6942	1.953699
1021.641	1021.811	1021.997	1021.641	14.23	14.92	13.64	637.9048	2.296457

1021.305	1021.538	1021.7	1021.305	13.36	14.59	13.12	959.7807	3.455211
1020.745	1021.134	1021.305	1020.745	13.89	14.2	12.58	814.2642	2.931351
1019.792	1020.339	1020.745	1019.792	12.55	14.08	12.45	692.8879	2.494397
1019.055	1019.714	1019.967	1019.055	12.31	12.79	10.84	492.007	1.771225
1018.716	1018.986	1019.229	1018.716	12.44	14.64	11.99	642.4044	2.312656
1018.109	1018.251	1018.716	1018.026	13.32	13.83	11.76	714.4086	2.571871
1018.345	1018.198	1018.36	1018.037	13.47	14.27	13.01	542.3194	1.95235
1018.715	1018.528	1018.715	1018.345	13.89	14.63	12.74	149.0118	0.536442
1019.577	1019.239	1019.652	1018.715	15.3	15.4	13.55	45.841	0.165028
1019.955	1019.83	1020.011	1019.558	14.96	15.57	14.78	19.06019	0.068617
1020.857	1020.36	1020.857	1019.947	14.18	15.17	14.03	-2.39405	-0.00862
1021.295	1021.151	1021.405	1020.857	14.05	14.32	13.85	-2.92926	-0.01055
1021.517	1021.328	1021.525	1021.212	14.26	14.33	13.91	-3.18579	-0.01147
1021.602	1021.523	1021.625	1021.459	14.1	14.56	14.09	-2.97506	-0.01071
1021.72	1021.732	1021.829	1021.602	14.17	14.33	14.01	-1.98548	-0.00715
1021.855	1021.823	1021.878	1021.72	14.73	14.88	14.13	-1.77207	-0.00638
1021.677	1021.719	1021.855	1021.64	14.96	15.16	14.73	-1.96607	-0.00708
1021.705	1021.681	1021.792	1021.602	15.07	15.29	14.93	-2.09939	-0.00756
1021.806	1021.809	1021.887	1021.705	14.88	15.18	14.76	-1.2445	-0.00448
1022.048	1021.87	1022.048	1021.801	15.01	15.17	14.74	1.237457	0.004455
1022.612	1022.316	1022.612	1022.048	15.25	15.53	14.91	38.72118	0.139396
1022.967	1022.76	1022.967	1022.608	14.89	15.41	14.78	139.1089	0.500792
1023.241	1023.208	1023.309	1022.967	14.58	15.07	14.19	189.9819	0.683935
1023.368	1023.249	1023.39	1023.186	14.57	15.04	13.95	294.679	1.060844
1022.982	1023.235	1023.387	1022.982	13.86	14.97	13.61	641.1661	2.308198
1022.582	1022.86	1023.078	1022.566	13.39	14	13.06	1060.331	3.817191
1022.508	1022.365	1022.582	1022.118	12.78	13.93	11.06	877.7045	3.159736
1023.049	1022.985	1023.151	1022.508	16.95	17.03	12.78	56.10808	0.201989
1022.408	1022.542	1023.049	1022.293	16.35	17.41	15.84	212.8465	0.766247
1022.334	1022.477	1022.6	1022.334	15.88	16.98	15.33	371.0845	1.335904
1022.022	1022.163	1022.334	1022.022	15.53	16.41	14.61	395.0308	1.422111
1021.954	1022.006	1022.063	1021.942	15.57	16.31	14.82	277.5436	0.999157
1022.036	1022.002	1022.048	1021.922	14.71	15.86	14.4	109.5198	0.394271
1022.5	1022.275	1022.534	1022.036	15.67	15.76	14.49	27.54897	0.099176
1023.079	1022.768	1023.079	1022.496	16.36	16.49	15.17	-3.17651	-0.01144
1023.427	1023.361	1023.486	1023.079	16.11	16.56	15.74	-2.51707	-0.00906
1023.308	1023.434	1023.501	1023.308	17.15	17.33	15.9	-1.83404	-0.0066
1023.05	1023.172	1023.308	1023.032	15.65	17.3	15.25	-3.22372	-0.01161
1023.039	1023.075	1023.142	1023.015	15.48	16.43	15.48	-2.60715	-0.00939
1022.926	1022.985	1023.06	1022.875	15.84	16.17	15.04	-2.4497	-0.00882
1022.821	1022.941	1022.981	1022.821	15.64	16.11	15.46	-2.20632	-0.00794
1022.773	1022.784	1022.848	1022.704	15.21	15.73	15.1	-2.57584	-0.00927
1023.178	1022.9	1023.178	1022.773	14.92	15.21	14.66	-2.8872	-0.01039
1023.335	1023.188	1023.335	1023.114	15	15.41	14.76	7.407623	0.026667
1023.855	1023.633	1023.863	1023.335	15.64	15.64	14.83	128.1954	0.461503
1024.256	1024.098	1024.285	1023.855	15.94	16.38	15.42	333.4096	1.200275
1024.383	1024.368	1024.436	1024.256	14.68	16.35	13.93	550.3262	1.981174
1024.341	1024.336	1024.383	1024.274	13.05	15.79	12.39	770.5218	2.773878

1024.04	1024.226	1024.341	1024.04	12.66	14.84	12.21	887.5171	3.195062
1023.319	1023.678	1024.04	1023.319	13.73	15.06	12.26	842.0731	3.031463
1022.784	1023.046	1023.319	1022.69	15.91	16.14	12.06	687.3993	2.474637
1022.158	1022.431	1022.784	1022.158	13.47	16.14	12.85	514.3868	1.851793
1022.042	1022.145	1022.226	1021.942	18.27	18.96	13.48	253.0825	0.911097
1022.483	1022.365	1022.593	1022.042	16.04	18.53	15.12	131.7044	0.474136
1022.281	1022.307	1022.483	1022.252	16.01	17	15.38	52.88727	0.190394
1022.056	1022.25	1022.392	1022.056	15.85	16.69	15.05	22.73481	0.081845
1022.107	1022.064	1022.107	1022.048	17.55	17.92	15.4	21.86364	0.078709
1022.275	1022.238	1022.3	1022.107	16.19	17.72	15.9	8.94968	0.032219
1022.822	1022.465	1022.822	1022.275	16.76	17.65	16.03	-2.48382	-0.00894
1023.425	1023.236	1023.425	1022.822	17.17	17.53	16.56	-2.69027	-0.00968
1023.437	1023.357	1023.437	1023.305	17.2	17.77	16.97	-1.62781	-0.00586
1023.18	1023.296	1023.437	1023.18	17.86	17.93	17.09	-1.59065	-0.00573
1022.596	1022.918	1023.18	1022.596	17.23	17.92	16.48	-1.69091	-0.00609
1022.481	1022.525	1022.596	1022.474	16.67	17.53	16.66	-2.76019	-0.00994
1022.842	1022.67	1022.842	1022.481	16.56	16.97	16.47	-1.92298	-0.00692
1022.762	1022.856	1022.942	1022.762	16.64	17.27	16.51	-1.98522	-0.00715
1022.619	1022.66	1022.785	1022.582	16.35	17.07	16.24	-2.02137	-0.00728
1022.683	1022.629	1022.739	1022.569	16.1	16.48	15.74	3.451598	0.012426
1022.959	1022.741	1022.959	1022.628	17.07	17.07	15.73	47.10186	0.169567
1023.248	1023.099	1023.248	1022.959	17.06	17.52	15.38	162.0963	0.583547
1023.31	1023.329	1023.397	1023.248	16.77	18.06	16.31	191.0196	0.68767
1023.156	1023.307	1023.363	1023.156	16.18	17.02	15.09	355.2043	1.278736
1022.712	1023.077	1023.196	1022.712	14.71	17.38	13.57	671.4743	2.417308
1022.221	1022.428	1022.712	1022.168	14.94	15.61	13.52	1015.581	3.656093
1021.97	1022.155	1022.297	1021.852	19.25	19.25	13.96	154.045	0.554562
1023.967	1022.985	1023.968	1021.97	16.38	19.39	14.64	144.5831	0.520499
1024.176	1023.839	1024.176	1023.697	16.65	17.53	15	26.42463	0.095129
1022.804	1023.592	1024.238	1022.804	17.31	17.52	16.15	22.78525	0.082027
1021.975	1022.389	1022.804	1021.975	16.33	17.56	16.07	34.50292	0.124211
1021.88	1021.819	1022.018	1021.579	17.11	17.55	16.4	35.22169	0.126798
1021.65	1021.761	1021.88	1021.65	17.38	17.48	15.47	23.86801	0.085925
1021.848	1021.506	1021.848	1021.347	17.19	17.77	16.7	5.182091	0.018656
1022.442	1022.207	1022.442	1021.848	17.1	17.37	16.64	-1.99314	-0.00718
1022.525	1022.528	1022.634	1022.442	17.27	17.51	16.73	-1.48378	-0.00534
1022.747	1022.809	1022.958	1022.525	17.18	17.38	16.96	-1.47293	-0.0053
1022.418	1022.654	1022.792	1022.418	16.84	17.42	16.65	-1.45816	-0.00525
1022.434	1022.481	1022.6	1022.374	17.47	17.77	16.83	-1.31182	-0.00472
1022.033	1022.145	1022.434	1022.033	17.02	17.58	16.95	-1.89855	-0.00683
1021.812	1021.911	1022.033	1021.812	16.79	17.18	16.65	-1.82616	-0.00657
1021.632	1021.73	1021.886	1021.623	15.96	16.82	15.89	-1.78814	-0.00644
1021.966	1021.786	1021.966	1021.632	15.52	15.98	15.25	-4.71093	-0.01696
1021.883	1021.984	1022.104	1021.838	15.96	16.07	15.33	6.255157	0.022519
1022.225	1022.006	1022.225	1021.867	16.47	16.76	15.9	141.4431	0.509195
1022.415	1022.348	1022.445	1022.225	16.82	17.24	16.16	321.2866	1.156632
1022.304	1022.433	1022.485	1022.304	17.11	17.84	16.63	322.9977	1.162792
1022.326	1022.289	1022.365	1022.22	16.82	18.09	15.76	513.851	1.849864



1022.109	1022.253	1022.326	1022.109	15.61	17.51	15.45	694.9689	2.501888
1021.657	1021.843	1022.109	1021.657	17.27	17.93	14.86	994.6854	3.580868
1021.366	1021.388	1021.682	1021.152	14.56	18.17	14.09	734.6929	2.644894
1022.006	1021.627	1022.021	1021.307	16.73	17.65	14.02	81.18694	0.292273
1022.812	1022.628	1022.913	1022.006	16.13	17.11	14.28	30.83884	0.11102
1022.38	1022.75	1022.867	1022.38	17.41	17.68	15.9	41.05472	0.147797
1021.206	1021.862	1022.38	1021.206	16.78	17.77	16.5	47.6504	0.171541
1021.304	1021.192	1021.304	1021.125	16.66	17.42	15.34	35.32647	0.127175
1022.002	1021.512	1022.002	1021.284	17.99	18.12	16.63	20.61539	0.074215
1021.738	1021.925	1022.08	1021.738	17.54	18.25	17.54	3.651106	0.013144
1021.293	1021.499	1021.744	1021.293	17.57	17.96	17.46	-1.17909	-0.00424
1022.299	1021.781	1022.299	1021.293	16.92	17.76	16.73	-1.74312	-0.00628
1022.296	1022.296	1022.363	1022.261	17.04	17.34	16.84	-1.48462	-0.00534
1022.09	1022.082	1022.296	1021.962	17.04	17.16	16.88	-1.16697	-0.0042
1021.947	1022.032	1022.121	1021.947	17.26	17.41	16.9	-1.11444	-0.00401
1021.806	1021.83	1021.947	1021.688	17.28	17.41	17.14	-0.95963	-0.00345
1021.944	1021.85	1021.944	1021.801	17.23	17.49	17.13	-1.06628	-0.00384
1021.721	1021.906	1022.053	1021.689	17.1	17.35	16.77	-0.88311	-0.00318
1021.838	1021.862	1021.97	1021.721	16.92	17.23	16.89	-1.28823	-0.00464
1022.163	1021.907	1022.163	1021.783	16.54	17.11	16.48	7.446312	0.026807
1022.782	1022.496	1022.843	1022.163	16.81	16.98	16.49	70.82237	0.254961
1022.968	1022.837	1022.968	1022.782	17.57	17.83	16.76	225.856	0.813082
1022.686	1022.96	1023.046	1022.686	17.8	18.26	16.73	515.8538	1.857074
1022.492	1022.532	1022.686	1022.471	15.07	18.4	14.67	672.7355	2.421848
1022.455	1022.467	1022.507	1022.424	15.52	17.81	15.13	889.0012	3.200404
1021.737	1022.191	1022.456	1021.737	15.19	16.56	14.57	655.288	2.359037
1021.347	1021.526	1021.76	1021.347	15.7	16.97	14.7	601.6352	2.165887
1020.986	1021.163	1021.347	1020.986	15.9	16.81	14.5	236.0528	0.84979
1020.886	1021.065	1021.198	1020.886	16.36	16.71	15.41	283.9584	1.02225
1020.668	1020.745	1020.886	1020.577	17.13	17.76	16.22	270.7874	0.974835
1020.925	1020.671	1020.925	1020.53	17.12	17.64	16.2	185.6998	0.668519
1020.959	1020.915	1021.058	1020.806	16.02	17.47	15.55	131.3566	0.472884
1021.161	1020.953	1021.247	1020.728	16.01	16.32	15.18	100.9172	0.363302
1020.943	1020.901	1021.198	1020.5	16.46	16.57	15.11	12.3715	0.044537
1021.472	1021.128	1021.519	1020.803	15.37	16.86	15.11	-3.18841	-0.01148
1021.839	1021.842	1022.059	1021.472	16.1	16.67	15.25	-3.02997	-0.01091
1021.834	1021.874	1022.045	1021.746	16.36	16.66	15.31	-2.11204	-0.0076
1022.08	1021.799	1022.08	1021.713	17.6	17.83	16.33	-2.11797	-0.00762
1022.248	1022.286	1022.404	1022.08	17.41	17.81	16.84	-1.65035	-0.00594
1022.157	1022.243	1022.355	1022.104	17.26	17.76	16.73	-1.22166	-0.0044
1022.305	1022.172	1022.365	1021.962	16.31	17.38	16.26	-2.04303	-0.00735
1022.694	1022.448	1022.694	1022.305	16	16.6	15.8	-3.16881	-0.01141
1022.689	1022.594	1022.754	1022.378	17.05	17.41	15.92	-2.80293	-0.01009
1023.163	1022.992	1023.163	1022.689	16.03	17.03	15.93	4.269194	0.015369
1023.389	1023.296	1023.389	1023.163	16.71	17.25	15.38	95.74223	0.344672
1023.51	1023.466	1023.538	1023.382	16.6	17.4	16.3	223.4279	0.80434
1023.528	1023.532	1023.618	1023.429	15.1	17.2	15.03	518.8544	1.867876
1023.566	1023.522	1023.582	1023.485	14.8	16.56	14.41	592.9946	2.13478

1023.568	1023.545	1023.575	1023.504	14.96	16.91	13.66	644.2284	2.319222
1023.078	1023.391	1023.568	1023.078	15.9	15.99	13.6	982.3389	3.53642
1022.641	1022.933	1023.092	1022.641	14.47	16.1	12.83	1061.798	3.822473
1021.95	1022.299	1022.641	1021.95	13.8	15.23	12.79	961.253	3.460511
1021.267	1021.746	1021.95	1021.267	13.27	15.01	12.07	770.6996	2.774518
1020.972	1020.97	1021.34	1020.437	13.15	14.06	12.17	367.3749	1.32255
1021.82	1021.664	1022.046	1020.972	16.22	17.04	12.83	59.45816	0.214049
1021.034	1021.292	1021.82	1020.988	16.3	16.98	15.73	32.71301	0.117767
1021.407	1021.461	1021.681	1021.034	16.4	16.76	16.17	40.48802	0.145757
1021.65	1021.609	1021.715	1021.407	16.65	17.16	16.36	7.964054	0.028671
1022.852	1022.063	1022.852	1021.637	16.29	16.73	14.95	-2.77808	-0.01
1023.455	1023.147	1023.542	1022.812	14.18	17.44	14.18	-1.80277	-0.00649
1021.881	1022.67	1023.455	1021.881	14.51	16.34	13.93	-2.85225	-0.01027
1022.299	1022.019	1022.299	1021.797	13.83	15.31	13.83	-4.004	-0.01441
1022.86	1022.568	1022.86	1022.299	14.42	14.46	13.49	-3.00538	-0.01082
1023.701	1023.3	1023.701	1022.86	16.18	16.37	14.19	-3.42947	-0.01235
1023.001	1023.411	1023.917	1023.001	14.42	16.44	14.41	-2.31369	-0.00833
1022.957	1023.004	1023.105	1022.87	15.13	15.38	13.82	-2.19247	-0.00789
1023.093	1023.049	1023.231	1022.938	15.59	15.63	14.63	-2.08633	-0.00751
1023.342	1023.309	1023.598	1023.093	15.51	15.97	14.53	1.122407	0.004041
1023.332	1023.366	1023.471	1023.256	15.92	16.23	15.51	56.04986	0.20178
1024.194	1023.754	1024.194	1023.332	16.4	16.66	15.78	127.6557	0.459561
1024.266	1024.212	1024.274	1024.136	14.89	16.55	14.54	543.2828	1.955818
1024.205	1024.276	1024.415	1024.159	15.29	16.2	13.29	697.4267	2.510736
1023.987	1024.169	1024.22	1023.987	13.89	15.95	13.05	725.4861	2.61175
1023.291	1023.718	1023.987	1023.291	12.96	14.96	11.39	972.9723	3.5027
1022.88	1023.096	1023.291	1022.88	12.08	14.42	10.51	1023.508	3.684628
1022.097	1022.494	1022.88	1022.097	12.55	14.55	11.51	568.188	2.045477
1022.836	1021.945	1022.836	1021.703	18.72	18.85	12.1	93.87034	0.337933
1023.319	1023.745	1024.805	1022.836	15.75	18.75	14.9	3.610925	0.012999
1022.235	1022.791	1023.319	1022.078	14.12	16.25	13.64	4.280054	0.015408
1022.026	1022.273	1022.5	1021.96	16.34	16.58	14.08	43.57629	0.156875
1021.96	1021.815	1022.026	1021.666	17.35	17.71	15.46	24.25224	0.087308
1022.247	1021.969	1022.268	1021.726	16.53	17.68	16.02	6.585739	0.023709
1022.699	1022.567	1022.699	1022.247	16.44	17.35	16.37	-3.02569	-0.01089
1022.89	1022.833	1022.944	1022.699	15.74	16.49	15.22	-3.60806	-0.01299
1023.402	1023.106	1023.402	1022.881	16.16	16.47	15.45	-3.07916	-0.01108
1023.385	1023.403	1023.497	1023.258	16.81	17.03	15.77	-2.87108	-0.01034
1022.546	1022.939	1023.385	1022.546	16.4	16.9	16.31	-3.20193	-0.01153
1022.508	1022.504	1022.601	1022.416	15.84	16.51	15.76	-3.15903	-0.01137
1022.334	1022.414	1022.508	1022.334	15.79	16.08	15.71	-2.66661	-0.0096
1022.273	1022.281	1022.371	1022.164	15.47	15.97	15.45	-2.40058	-0.00864
1022.4	1022.211	1022.4	1022.057	15.49	15.74	15.11	-2.00208	-0.00721
1023.017	1022.7	1023.017	1022.4	15.49	15.65	15.39	4.282736	0.015418
1023.443	1023.28	1023.457	1023.017	16.23	16.32	15.47	89.38258	0.321777
1023.543	1023.523	1023.596	1023.443	16.85	17.16	15.97	308.2755	1.109792
1023.596	1023.606	1023.703	1023.535	16.5	17.91	16.36	549.7191	1.978989
1023.613	1023.619	1023.651	1023.596	16.6	17.66	16.09	715.3585	2.57529

1023.28	1023.455	1023.613	1023.28	16.15	18.67	15.28	838.9764	3.020315
1022.712	1023.001	1023.28	1022.712	16.15	17.83	14.71	905.3052	3.259099
1021.72	1022.183	1022.712	1021.72	16.15	17.53	14.98	1013.016	3.646858
1020.796	1021.246	1021.72	1020.796	14.97	17.08	14.49	914.2584	3.29133
1020.25	1020.607	1020.799	1020.25	16.16	17.29	14.86	300.6959	1.082505
1020.318	1020.159	1020.371	1019.931	15.94	17.01	15.09	212.3656	0.764516
1020.197	1020.143	1020.476	1019.908	15.36	15.99	13	116.4572	0.419246
1020.442	1020.607	1020.974	1020.197	14.26	15.56	14.11	94.86913	0.341529
1020.664	1020.417	1020.664	1020.252	15.83	16.21	14.11	68.21447	0.245572
1021.166	1020.923	1021.166	1020.664	16.47	16.83	15.4	8.979967	0.032328
1021.564	1021.275	1021.564	1021.136	16.09	16.51	15.74	-2.63287	-0.00948
1022.357	1022.071	1022.385	1021.564	15.86	16.26	14.49	-3.52571	-0.01269
1022.371	1022.257	1022.482	1022.167	14.71	15.98	13.67	-2.86812	-0.01033
1022.521	1022.636	1022.781	1022.371	14.37	15.15	12.37	-2.33533	-0.00841
1021.552	1022.122	1022.521	1021.552	14.9	15.45	14.25	-2.87658	-0.01036
1021.017	1021.36	1021.571	1021.017	13.56	15.54	13.46	-2.44711	-0.00881
1021.223	1021.125	1021.281	1021.009	14.65	15.18	13.37	-3.23133	-0.01163
1021.392	1021.222	1021.392	1021.096	14.78	15.14	14.6	-2.9133	-0.01049
1021.382	1021.367	1021.443	1021.278	15.05	15.24	14.56	-2.65663	-0.00956
1021.382	1021.385	1021.43	1021.349	15.04	15.22	14.43	3.624766	0.013049
1021.633	1021.515	1021.654	1021.364	15.65	16.49	14.93	77.43845	0.278779
1022.075	1021.862	1022.082	1021.633	16.01	16.94	15.49	103.3058	0.371901
1022.146	1022.127	1022.191	1022.069	14.95	16.45	14.01	504.3012	1.815485
1022.114	1022.082	1022.146	1022.046	12.63	15.22	12.07	660.6028	2.37817
1022.087	1022.219	1022.326	1022.087	13.01	14.14	11.67	867.7488	3.123895
1021.688	1021.947	1022.105	1021.688	11.84	13.47	9.48	970.1433	3.492516
1021.094	1021.45	1021.688	1021.094	11.16	12.66	9.39	1004.681	3.61685
1020.838	1020.973	1021.136	1020.827	13.32	13.65	10.42	179.459	0.646052
1020.265	1020.634	1020.838	1020.265	12.56	14.84	11.02	546.0996	1.965959
1019.968	1020.053	1020.265	1019.909	12.66	14.48	11.78	465.851	1.677063
1020.414	1020.334	1020.536	1019.968	14.47	16.42	12.65	103.8554	0.37388
1020.226	1020.312	1020.414	1020.187	12.82	16.51	12.72	207.2007	0.745923
1020.46	1020.335	1020.46	1020.226	14.49	14.65	12.65	171.3814	0.616973
1020.794	1020.588	1020.794	1020.448	15.14	16.67	14.36	31.07879	0.111884
1021.123	1020.741	1021.123	1020.619	15.53	16.37	14.53	-3.87328	-0.01394
1021.565	1021.36	1021.588	1021.123	15.44	15.95	14.73	-3.18076	-0.01145
1021.482	1021.56	1021.574	1021.482	14.68	15.83	13.79	-2.96545	-0.01068
1021.291	1021.415	1021.51	1021.266	16.76	16.76	13.74	-2.95893	-0.01065
1021.076	1021.168	1021.291	1021.076	16.23	17.21	16.07	-2.96639	-0.01068
1021.07	1021.062	1021.119	1020.99	16	16.68	15.56	-3.41441	-0.01229
1021.306	1021.218	1021.459	1020.975	15.52	16.1	15.16	-3.27638	-0.01179
1021.364	1021.354	1021.438	1021.28	15.76	15.83	14.84	-2.96413	-0.01067
1020.983	1021.183	1021.364	1020.983	15.63	16.01	15	-3.57575	-0.01287
1021.526	1021.237	1021.526	1020.948	15.28	15.74	15.15	7.723427	0.027804
1021.873	1021.587	1021.873	1021.441	15.94	16.19	15.22	98.01061	0.352838
1022.47	1022.118	1022.47	1021.873	15.37	16.38	15.09	282.7017	1.017726
1022.886	1022.794	1023.107	1022.47	14.93	15.65	13.75	331.4326	1.193157
1023.04	1022.987	1023.096	1022.842	14.53	16.1	14.5	426.8524	1.536669

1023.958	1023.528	1023.958	1023.04	14.4	15.57	13.94	365.9316	1.317354
1023.421	1023.653	1023.958	1023.162	14.7	14.88	14.05	261.3068	0.940704
1022.863	1023.215	1023.471	1022.863	15.67	15.78	14.5	730.6075	2.630187
1022.567	1022.713	1022.897	1022.484	15.12	16.2	14.76	1006.265	3.622552
1022.316	1022.521	1022.711	1022.316	14.5	15.38	14.3	758.6395	2.731102
1021.661	1021.986	1022.316	1021.661	14.25	14.9	13.81	632.408	2.276669
1021.726	1021.735	1021.899	1021.599	13.89	14.73	13.3	605.066	2.178238
1021.556	1021.716	1021.831	1021.556	12.48	14.17	12.48	401.5138	1.44545
1021.511	1021.546	1021.624	1021.423	13.4	13.81	12.42	197.6479	0.711532
1021.941	1021.747	1021.951	1021.511	14.26	14.54	13.28	23.05799	0.083009
1022.521	1022.171	1022.521	1021.941	14.49	15.21	14.17	-4.21287	-0.01517
1022.866	1022.718	1022.866	1022.521	14.82	15.62	14.37	-4.16875	-0.01501
1022.793	1022.881	1022.979	1022.793	14.75	15.32	14.52	-3.72038	-0.01339
1023.169	1023.013	1023.169	1022.793	14.56	15.31	14.33	-3.81571	-0.01374
1023.06	1023.131	1023.169	1023.06	14.57	14.84	14	-3.95621	-0.01424
1022.95	1023.032	1023.06	1022.95	14.13	14.73	14.12	-3.75965	-0.01353
1023.01	1022.936	1023.01	1022.859	14.13	14.43	14	-3.81302	-0.01373
1023.054	1023.05	1023.132	1023.005	13.46	14.23	13.37	-3.58967	-0.01292
1023.412	1023.204	1023.412	1023.054	13.55	13.82	13.29	-4.03416	-0.01452
1024.001	1023.703	1024.001	1023.412	13.8	13.92	13.49	2.580172	0.009289
1024.251	1024.136	1024.251	1023.997	14.28	14.38	13.7	128.1022	0.461168
1024.408	1024.385	1024.513	1024.251	14.64	15	14.14	319.6059	1.150581
1024.364	1024.434	1024.47	1024.364	14.42	15.12	13.71	530.9814	1.911533
1024.235	1024.261	1024.364	1024.22	13.29	15.16	12.91	718.5647	2.586833
1024.137	1024.268	1024.326	1024.137	10.53	13.79	10.45	873.6473	3.14513
1023.742	1023.938	1024.161	1023.742	10.35	12.48	9.52	977.9019	3.520447
1023.148	1023.436	1023.742	1023.123	11.7	12.2	10.41	1022.042	3.679352
1022.743	1022.979	1023.148	1022.743	11.12	12.44	10.17	1003.177	3.611437
1022.108	1022.448	1022.743	1022.108	7.955	11.33	5.465	930.1123	3.348404
1021.598	1021.831	1022.108	1021.598	8.24	8.84	6.579	796.1038	2.865974
1021.418	1021.526	1021.598	1021.418	7.723	8.82	6.106	625.3036	2.251093
1020.994	1021.145	1021.437	1020.994	10.56	11.22	6.313	422.9965	1.522787
1021.255	1021.113	1021.255	1020.994	11.1	11.79	10.14	207.9236	0.748525
1021.514	1021.378	1021.514	1021.255	11.91	12.36	10.85	28.74158	0.10347
1022.199	1021.801	1022.199	1021.514	12.87	14.45	11.68	-5.04879	-0.01818
1022.855	1022.607	1022.855	1022.199	12.92	13.13	12.55	-4.75082	-0.0171
1022.911	1022.892	1022.96	1022.837	13.5	13.76	11.76	-4.70569	-0.01694
1022.801	1022.879	1022.944	1022.768	13.03	13.55	12.78	-4.21797	-0.01518
1022.37	1022.586	1022.801	1022.37	12.84	13.14	12.64	-4.10253	-0.01477
1022.209	1022.302	1022.382	1022.209	12.73	13	12.57	-4.05351	-0.01459
1021.971	1022.096	1022.209	1021.971	12.04	12.86	11.98	-4.02841	-0.0145
1021.883	1021.963	1022.008	1021.883	11.97	12.33	11.61	-3.90791	-0.01407
1022.296	1021.984	1022.296	1021.807	11.81	12.16	11.3	-3.97979	-0.01433
1022.812	1022.578	1022.858	1022.296	11.52	12.23	11.37	-0.29747	-0.00107
1023.177	1022.963	1023.177	1022.786	12.05	13.09	11.4	128.9033	0.464052
1023.179	1023.129	1023.206	1023.059	11.81	13.1	11.29	319.3394	1.149622
1023.124	1023.309	1023.442	1023.124	11.83	12.78	11.17	532.1056	1.91558
1022.976	1023.025	1023.124	1022.969	12.3	13.35	11.72	718.3446	2.58604

1022.721	1022.919	1023.05	1022.721	8.23	13.12	7.005	855.9856	3.081548
1022.35	1022.51	1022.721	1022.35	7.98	9.82	6.682	963.8931	3.470016
1021.989	1022.154	1022.35	1021.989	8.36	9.69	5.553	1026.911	3.696878
1021.253	1021.658	1021.989	1021.253	7.13	9.85	4.88	1034.432	3.723955
1020.498	1020.85	1021.253	1020.498	8.18	9.05	6.473	739.5403	2.662345
1020.239	1020.37	1020.498	1020.207	7.933	9.24	6.958	282.4119	1.016683
1020.232	1020.261	1020.308	1020.134	12.09	12.25	6.316	113.9318	0.410155
1019.977	1020.168	1020.29	1019.977	10.6	16.8	8.68	144.1333	0.51888
1020.422	1020.067	1020.422	1019.954	9.85	11.34	8.57	214.9948	0.773981
1020.763	1020.54	1020.763	1020.422	11.91	13.96	5.811	33.41699	0.120301
1021.248	1021.004	1021.248	1020.763	12.08	14.24	11.35	-4.99109	-0.01797
1021.715	1021.543	1021.715	1021.248	9.67	13.82	9.58	-4.24554	-0.01528
1021.885	1021.77	1021.885	1021.715	10.4	10.5	8.61	-4.75339	-0.01711
1022.023	1022.019	1022.115	1021.885	11.34	12.1	9.97	-4.28602	-0.01543
1022.186	1022.105	1022.206	1022.023	12.24	13.06	10.68	-4.00099	-0.0144
1021.911	1022.074	1022.186	1021.911	10.51	12.29	10.02	-3.89497	-0.01402
1022.148	1022.076	1022.193	1021.911	11.24	13.65	10.43	-4.21929	-0.01519
1022.421	1022.236	1022.421	1022.141	12.4	12.82	10.24	-3.62467	-0.01305
1022.631	1022.515	1022.631	1022.412	12.13	12.93	12.07	-3.58014	-0.01289
1022.987	1022.824	1022.987	1022.631	11.58	12.28	11.34	2.056862	0.007405
1023.284	1023.171	1023.355	1022.964	13.9	14.36	11.34	123.6228	0.445042
1023.509	1023.398	1023.509	1023.284	13.77	14.78	13.16	322.534	1.161123
1023.646	1023.63	1023.714	1023.475	12.12	14.48	10.68	524.2029	1.88713
1023.747	1023.649	1023.747	1023.602	9.72	12.96	8.57	713.3329	2.567999
1023.489	1023.71	1023.767	1023.489	8.33	10.77	7.537	878.6829	3.163259
1023.338	1023.542	1023.694	1023.338	12.56	15.99	7.198	357.3098	1.286315
1022.802	1023.496	1024.109	1022.802	11.55	13.85	7.628	90.70267	0.32653
1022.587	1022.756	1023.004	1022.587	11.42	14.59	9.9	284.5442	1.024359
1022.771	1022.947	1023.349	1022.587	7.552	19.25	7.126	338.7161	1.219378
1022.775	1022.717	1022.811	1022.553	12.98	17.16	7.458	312.9176	1.126503
1022.208	1022.507	1022.828	1022.208	14.46	16.79	11.15	259.2853	0.933427
1022.091	1022.057	1022.208	1021.968	13.98	15.78	8.04	342.5967	1.233348
1022.212	1022.243	1022.319	1022.091	9.05	14.26	8.59	71.92643	0.258935
1022.717	1022.367	1022.717	1022.212	12.6	13.16	8.24	14.041	0.050548
1022.959	1022.808	1022.959	1022.717	11.44	12.95	11.44	-4.38838	-0.0158
1023.672	1023.356	1023.672	1022.959	11.94	13.43	10.2	-3.75771	-0.01353
1023.902	1023.808	1023.916	1023.672	12.67	13.3	11.92	-3.28585	-0.01183
1023.902	1023.984	1024.08	1023.875	12.23	13	11.94	-4.09277	-0.01473
1023.866	1023.787	1023.902	1023.708	12.97	14	11.34	-4.20053	-0.01512
1023.698	1023.71	1023.866	1023.639	12.53	13.25	12.39	-3.96455	-0.01427
1023.601	1023.677	1023.731	1023.601	11.82	13.16	11.8	-3.71537	-0.01338
1023.676	1023.618	1023.71	1023.54	11.91	13.15	11.16	-3.67044	-0.01321
1023.73	1023.749	1023.777	1023.676	11.85	12.23	10.7	-3.49392	-0.01258
1024.28	1023.985	1024.28	1023.73	12.16	12.76	11.61	1.904647	0.006857
1024.586	1024.421	1024.586	1024.28	12.1	12.39	11.59	120.555	0.433998
1024.835	1024.755	1024.846	1024.586	13.13	14.06	11.56	320.7065	1.154543
1024.764	1024.84	1024.879	1024.764	12.32	13.83	11.14	522.0389	1.87934
1024.761	1024.773	1024.788	1024.744	11.07	13.45	9.31	712.3269	2.564377

1024.434	1024.677	1024.764	1024.434	8.99	12.05	8.83	871.7125	3.138165
1023.864	1024.15	1024.434	1023.864	7.865	10.71	7.077	982.8986	3.538435
1023.606	1023.752	1023.864	1023.606	8.93	9.74	6.698	551.3948	1.985021
1024.645	1024.252	1024.816	1023.606	12.98	13.89	6.08	90.88067	0.32717
1023.294	1023.798	1024.645	1023.238	13.75	15.24	9.79	444.3883	1.599798
1023.153	1023.326	1023.445	1023.135	12.13	14.84	8.32	431.1857	1.552268
1022.218	1022.658	1023.153	1022.218	9.25	12.32	7.367	284.9254	1.025731
1021.783	1021.927	1022.218	1021.755	10.12	11.7	6.935	441.4001	1.58904
1021.738	1021.799	1021.877	1021.717	10.77	12.87	8.08	158.4226	0.570321
1021.916	1021.804	1021.916	1021.696	9.74	15.94	8.76	21.69575	0.078105
1022.163	1022.013	1022.163	1021.914	8.5	12.77	7.787	-4.75271	-0.01711
1022.48	1022.335	1022.48	1022.163	9.65	13.37	8.44	-4.54583	-0.01636
1022.561	1022.45	1022.561	1022.375	10.81	12.89	8.47	-4.52111	-0.01628
1022.886	1022.831	1022.921	1022.561	11.8	12.82	10.5	-4.46017	-0.01606
1022.873	1022.872	1022.925	1022.809	13.27	14.1	10.29	-3.79829	-0.01367
1022.611	1022.792	1022.883	1022.611	11.68	13.64	10.6	-3.93241	-0.01416
1022.289	1022.444	1022.611	1022.267	11.56	11.8	10.25	-3.50964	-0.01263
1022.107	1022.209	1022.289	1022.107	11.66	12.48	11.05	-3.67755	-0.01324
1022.377	1022.253	1022.392	1022.09	11.63	12.14	11.53	-3.47092	-0.0125
1022.626	1022.523	1022.683	1022.377	11.84	11.94	11.03	5.661152	0.02038
1022.912	1022.786	1022.912	1022.626	12.85	13.09	10.8	74.38098	0.267772
1023.276	1023.11	1023.276	1022.912	14.02	14.7	10.84	204.4598	0.736055
1023.416	1023.314	1023.458	1023.186	12.94	14.56	10.82	485.0208	1.746075
1023.144	1023.215	1023.416	1023.073	11.58	13.92	10.85	716.0416	2.57775
1023.018	1023.162	1023.234	1023.018	11.83	13.04	10.5	837.0908	3.013527
1022.516	1022.816	1023.018	1022.516	11.18	13.62	10.47	876.6165	3.155819
1021.916	1022.216	1022.516	1021.916	8.85	12.44	7.818	970.9462	3.495407
1021.418	1021.694	1021.916	1021.418	9.45	10.89	7.808	999.3282	3.597582
1020.67	1021.145	1021.418	1020.67	9.48	10.85	8.61	584.7716	2.105178
1020.372	1020.644	1020.754	1020.372	7.963	10.84	6.288	411.0268	1.479696
1020.564	1020.281	1020.622	1020.126	7.6	10.78	6.646	139.1693	0.501009
1019.908	1020.208	1020.564	1019.908	7.359	8.03	6.11	177.0223	0.63728
1020.612	1020.18	1020.613	1019.908	6.769	11.64	6.766	82.94758	0.298611
1020.535	1020.507	1020.612	1020.427	8.24	8.29	6.217	5.883505	0.021181
1021.165	1020.817	1021.165	1020.516	10.76	12.23	8.24	-4.67964	-0.01685
1021.222	1021.188	1021.258	1021.125	11.07	11.15	10.61	-4.91314	-0.01769
1021.485	1021.394	1021.803	1021.176	11.55	12.37	8.79	-3.55152	-0.01279
1021.325	1021.523	1021.69	1021.325	11.58	12.52	10.69	-4.38224	-0.01578
1021.074	1021.21	1021.325	1021.074	10.63	11.83	10.62	-4.21504	-0.01517
1020.853	1020.929	1021.074	1020.831	10.25	11.43	9.99	-4.0368	-0.01453
1020.41	1020.672	1020.913	1020.41	9.55	10.47	9.34	-4.2928	-0.01545
1020.258	1020.31	1020.426	1020.253	10.87	11.47	9.01	-4.03249	-0.01452
1020.66	1020.344	1020.66	1020.223	10.99	11.5	9.44	-3.90665	-0.01406
1021.371	1021.007	1021.371	1020.66	11.07	11.22	9.74	1.135963	0.004089
1021.756	1021.599	1021.785	1021.371	12.65	12.65	10.64	82.51902	0.297069
1021.766	1021.852	1021.91	1021.756	11.39	13.5	10.48	314.8316	1.133394
1021.995	1021.835	1021.995	1021.724	10.64	11.53	10.01	510.3882	1.837398
1022.139	1022.045	1022.139	1021.995	9.89	11.33	9.28	700.2001	2.52072

1022.09	1022.155	1022.214	1022.09	10.04	11.1	8.79	854.2711	3.075376
1021.692	1021.941	1022.09	1021.692	10.22	11.21	9.02	956.2748	3.442589
1020.877	1021.32	1021.692	1020.877	9.09	10.59	7.3	1006.009	3.621632
1020.354	1020.602	1020.877	1020.354	9.36	10.96	8.12	1007.69	3.627684
1019.983	1020.194	1020.378	1019.983	10.79	12.37	8.76	738.7806	2.65961
1019.937	1019.745	1019.983	1019.396	15.13	15.64	9.36	213.5015	0.768605
1019.944	1019.939	1020.166	1019.702	10.01	16.16	8.28	266.4477	0.959212
1020.017	1019.937	1020.053	1019.781	9.89	11.08	7.011	85.35798	0.307289
1019.976	1020.039	1020.18	1019.884	9.24	11.98	8.82	26.67163	0.096018
1020.38	1020.287	1020.544	1019.948	11.14	12.23	8.66	21.52603	0.077494
1021.705	1021.001	1021.705	1020.38	12.05	13.8	10.33	-3.53751	-0.01274
1022.042	1022.035	1022.14	1021.705	13.59	13.77	11.96	-3.76695	-0.01356
1021.789	1021.879	1022.042	1021.746	13.66	13.9	13.46	-4.396	-0.01583
1021.701	1021.783	1021.841	1021.701	13.52	13.88	13.5	-4.33237	-0.0156
1021.521	1021.518	1021.701	1021.372	13.7	14.07	13.5	-3.51516	-0.01265
1021.356	1021.354	1021.523	1021.192	14.13	14.5	13.69	-3.60146	-0.01297
1021.232	1021.238	1021.37	1021.144	13.38	14.2	13.3	-3.2434	-0.01168
1021.38	1021.345	1021.433	1021.231	13.63	14.47	13.26	-2.50662	-0.00902
1022.306	1021.757	1022.306	1021.38	13.6	14.71	13.58	-1.9878	-0.00716
1023.122	1022.783	1023.122	1022.306	13.31	14.04	13.15	1.25459	0.004517
1023.322	1023.203	1023.322	1023.122	12.73	13.76	12.66	110.586	0.39811
1023.372	1023.398	1023.502	1023.322	12.5	13.59	12.44	296.9788	1.069124
1023.493	1023.509	1023.587	1023.372	12.15	13.17	12.1	495.2238	1.782806
1023.535	1023.506	1023.583	1023.437	12.15	13.03	11.68	685.4231	2.467523
1023.232	1023.462	1023.597	1023.232	13.17	13.41	12.01	840.5551	3.025998
1022.534	1022.866	1023.232	1022.534	13.6	14.24	12.56	940.6144	3.386212
1021.975	1022.334	1022.576	1021.975	13.17	13.93	12.23	990.8575	3.567087
1021.219	1021.581	1021.975	1021.219	13.19	13.58	12.25	1032.44	3.716783
1020.303	1020.809	1021.261	1020.303	12.65	13.75	11.89	910.8084	3.27891
1020.375	1020.205	1020.382	1019.924	11.78	13.42	11.58	545.9558	1.965441
1020.748	1020.143	1020.748	1019.813	15.89	17.11	11.39	271.3946	0.97702
1021.945	1020.858	1022.036	1020.128	15.56	16.54	12.17	40.19777	0.144712
1022.855	1022.467	1022.987	1021.945	16.8	16.85	14.72	66.20612	0.238342
1022.71	1022.765	1022.994	1022.66	14.46	17.07	14.32	30.93835	0.111378
1023.848	1022.939	1023.848	1022.71	12.01	14.78	11.74	0.187975	0.000677
1024.375	1024.14	1024.43	1023.848	15.31	15.5	11.89	-2.24727	-0.00809
1023.658	1024.093	1024.375	1023.658	13.9	16.3	13.39	-3.93411	-0.01416
1023.644	1023.421	1023.658	1023.248	14.75	15.69	13.43	-2.34785	-0.00845
1023.565	1023.528	1023.689	1023.384	15.28	15.77	14.01	-1.87059	-0.00673
1023.775	1023.867	1024.002	1023.565	14.19	16.92	13.7	-1.98486	-0.00715
1023.468	1023.684	1023.775	1023.447	14.85	15.32	13.86	-3.50405	-0.01261
1022.859	1023.232	1023.468	1022.859	14.36	14.99	14.05	-3.04155	-0.01095
1022.947	1022.89	1022.949	1022.78	14.74	15.09	13.72	-2.73617	-0.00985
1023.708	1023.293	1023.777	1022.947	14.65	15.4	14.59	2.658936	0.009572
1024.018	1023.903	1024.018	1023.708	14.14	15.05	13.65	105.0299	0.378108
1024.508	1024.255	1024.508	1024.018	14.9	16.35	13.47	293.5065	1.056623
1024.56	1024.588	1024.643	1024.508	14.44	15.42	13.21	422.167	1.519801
1024.611	1024.636	1024.71	1024.56	14.66	15.88	13.59	523.9134	1.886088

1024.151	1024.354	1024.611	1024.151	14.14	15.96	13.69	761.8483	2.742654
1023.797	1023.984	1024.151	1023.797	14.24	15.76	13.24	930.0078	3.348028
1023.086	1023.472	1023.797	1023.086	14.59	15.37	13.04	950.579	3.422084
1022.439	1022.808	1023.086	1022.439	14.09	15.26	12.48	955.7006	3.440522
1021.502	1021.977	1022.439	1021.502	11.44	14.19	10.15	893.178	3.215441
1020.84	1021.091	1021.502	1020.814	10.25	12.41	7.358	787.274	2.834186
1020.705	1020.752	1020.84	1020.683	9.34	11.59	7.672	569.6047	2.050577
1020.623	1020.459	1020.705	1020.277	11.48	12.71	8.51	260.3316	0.937194
1021.657	1021.096	1021.715	1020.623	13.17	13.5	11.09	67.95251	0.244629
1022.077	1021.707	1022.077	1021.438	14.69	17.32	12.95	2.972695	0.010702
1022.418	1022.199	1022.429	1022.077	14.82	16.65	13.53	-2.93891	-0.01058
1022.632	1022.442	1022.852	1022.152	12.02	18.23	11.75	-2.37949	-0.00857
1022.929	1022.784	1023.051	1022.489	12.84	14.22	10.51	-7.56896	-0.02725
1022.573	1022.831	1023.12	1022.522	12.5	14.51	8.21	-5.64186	-0.02031
1020.961	1021.798	1022.573	1020.961	7.355	12.62	6.048	-2.20325	-0.00793
1021.121	1020.915	1021.121	1020.767	11.34	12.35	7.669	-2.89102	-0.01041
1021.775	1021.354	1021.838	1020.977	13.05	13.64	10.91	-3.36106	-0.0121
1021.717	1021.837	1021.909	1021.717	11.17	13.45	11.14	-3.28344	-0.01182
1022.304	1022.017	1022.304	1021.717	11.52	13.79	10.39	-3.90644	-0.01406
1022.488	1022.337	1022.488	1022.214	11.88	12.69	10.77	-0.13798	-0.0005
1022.992	1022.692	1022.992	1022.488	13.68	13.68	11.75	103.1301	0.371268
1023.258	1023.153	1023.302	1022.992	12.97	14.63	11.98	301.8791	1.086765
1022.874	1023.001	1023.258	1022.874	11.74	14.99	11.25	448.2056	1.61354
1022.555	1022.758	1022.921	1022.54	13.38	13.82	11.47	482.8571	1.738286
1022.454	1022.598	1022.632	1022.454	13.16	14.16	12.22	838.8293	3.019786
1021.885	1022.186	1022.454	1021.885	12.29	13.73	11.37	940.579	3.386085
1021.263	1021.572	1021.885	1021.263	11.5	13.89	10.76	988.259	3.557733
1020.631	1020.987	1021.263	1020.631	11.56	13.21	9.97	977.5755	3.519272
1020.011	1020.294	1020.631	1020.011	10.41	11.91	9.39	842.9407	3.034586
1019.487	1019.647	1020.011	1019.368	8.9	11.45	8.3	690.1266	2.484456
1021.008	1020.314	1021.319	1019.467	15.84	16.6	8.41	81.80847	0.294511
1020.318	1020.648	1021.008	1020.318	12.38	18.2	11.66	2.675073	0.00963
1019.998	1020.118	1020.318	1019.789	9.44	12.66	2.533	-4.23486	-0.01525
1019.815	1019.717	1019.998	1019.543	8.83	11.66	8.06	-4.16196	-0.01498
1020.072	1020.031	1020.181	1019.815	2.564	10.93	1.125	-1.98458	-0.00714
1022.96	1021.373	1022.96	1020.072	13.62	13.89	1.85	-3.48699	-0.01255
1022.912	1022.684	1022.96	1022.428	13.91	14.48	13.17	-2.30245	-0.00829
1023.172	1022.834	1023.172	1022.617	13.73	14.33	12.97	-2.54036	-0.00915
1023.368	1023.418	1023.551	1023.172	13.04	13.84	12.76	-2.93331	-0.01056
1022.937	1023.083	1023.368	1022.911	12.44	13.44	12.06	-3.04147	-0.01095
1022.608	1022.81	1022.974	1022.608	11.94	12.66	11.94	-2.62086	-0.00944
1022.485	1022.499	1022.608	1022.43	13.28	14.26	11.93	-3.62134	-0.01304
1022.77	1022.638	1022.787	1022.468	13.42	14.18	12.89	-3.05308	-0.01099
1022.764	1022.656	1022.77	1022.559	14.2	14.2	12.84	1.644234	0.005919
1023.004	1022.973	1023.148	1022.725	15.19	15.19	14	88.43645	0.318371
1023.152	1023.033	1023.152	1022.917	16.21	16.29	14.87	267.416	0.962698
1022.87	1023.031	1023.152	1022.87	15.84	16.63	15.16	474.1095	1.706794
1022.901	1022.878	1022.94	1022.769	15.15	16.33	14.82	665.5874	2.396115



1022.728	1022.889	1022.948	1022.728	13.25	15.97	12.36	768.692	2.767291
1022.349	1022.534	1022.728	1022.349	9.47	14.02	9.17	942.433	3.392759
1022.236	1022.35	1022.384	1022.236	8.7	11.13	6.547	972.8696	3.50233
1021.53	1021.938	1022.236	1021.53	8.25	10.45	7.489	951.2836	3.424621
1020.747	1021.181	1021.53	1020.747	8.38	9.85	7.774	877.1791	3.157845
1020.236	1020.407	1020.747	1020.226	12.55	13.24	8.3	600.4756	2.161712
1020.283	1020.141	1020.283	1020.053	13.66	13.66	11.67	303.6229	1.093042
1020.53	1020.406	1020.696	1020.148	11.97	13.95	7.879	407.5215	1.467077
1020.492	1020.545	1020.704	1020.421	10.14	15.6	9.08	148.8007	0.535683
1020.715	1020.381	1020.715	1020.222	10.42	11.59	9.88	11.55875	0.041612
1021.307	1021.01	1021.307	1020.696	13.65	13.73	10.02	-3.72991	-0.01343
1021.44	1021.374	1021.487	1021.277	14.59	15.37	12.97	-4.47081	-0.01609
1021.64	1021.507	1021.64	1021.431	13.06	14.66	12.81	-3.55182	-0.01279
1021.963	1021.78	1021.963	1021.64	13.13	13.56	12.42	-4.03907	-0.01454
1022.047	1022.017	1022.061	1021.957	13.22	14.15	12.52	-3.87406	-0.01395
1021.978	1021.964	1022.047	1021.878	13.16	13.73	12.92	-3.2293	-0.01163
1021.759	1021.818	1021.978	1021.683	13.91	14.69	13.07	-3.50179	-0.01261
1021.817	1021.788	1021.849	1021.726	13.2	14.03	13.07	-3.55351	-0.01279
1022.12	1021.939	1022.12	1021.807	14.29	14.74	12.91	-3.7028	-0.01333
1022.435	1022.187	1022.435	1022.084	13.88	14.56	12.88	0.027982	0.000101
1022.702	1022.511	1022.702	1022.363	14.3	15.14	13.19	87.72842	0.315822
1022.864	1022.802	1022.924	1022.702	14.41	14.85	13.75	273.7535	0.985513
1022.747	1022.744	1022.864	1022.672	14.06	14.73	13.24	471.7171	1.698182
1022.867	1022.828	1022.89	1022.747	13.33	15.1	12.9	662.3844	2.384584
1022.655	1022.761	1022.875	1022.606	12.64	13.92	12.36	814.199	2.931116
1022.079	1022.425	1022.655	1022.079	12.36	13.47	10.62	939.0538	3.380594
1021.583	1021.882	1022.079	1021.583	12.48	13.67	12.26	565.4763	2.035715
1020.752	1021.235	1021.583	1020.752	11.78	12.57	10.47	687.7783	2.476002
1020.511	1020.496	1020.752	1020.3	17.61	19.7	11.09	488.2959	1.757865
1019.672	1020.032	1020.511	1019.591	15.28	18.52	13.5	107.0956	0.385544
1019.724	1019.698	1019.793	1019.575	10.5	15.17	10.38	296.8724	1.06874
1019.92	1019.83	1020.112	1019.667	14.55	17.72	10.26	252.5658	0.909237
1020.396	1020.205	1020.465	1019.875	14.91	15.87	14.05	142.4603	0.512857
1020.939	1020.394	1020.939	1020.261	14.7	17.13	12.78	7.904465	0.028456
1022.149	1021.482	1022.269	1020.939	14.11	16.31	14.03	-2.62056	-0.00943
1023.044	1022.449	1023.044	1022.092	14.78	16.06	13.47	-5.20551	-0.01874
1023.23	1023.357	1023.65	1023.044	13.38	15.79	13.24	-2.23997	-0.00806
1022.993	1023.117	1023.23	1022.993	15.24	15.51	12.17	-3.90844	-0.01407
1022.358	1022.688	1022.993	1022.358	14.24	15.59	14.04	-3.65976	-0.01318
1021.706	1022.015	1022.358	1021.706	14.4	14.41	13.4	-3.93348	-0.01416
1021.416	1021.55	1021.706	1021.367	14.02	15.44	12.84	-3.23259	-0.01164
1021.092	1021.293	1021.418	1021.092	14.6	15.04	13.23	-3.30398	-0.01189
1021.283	1021.109	1021.283	1020.975	14.77	15.06	14.37	-3.3243	-0.01197
1021.672	1021.54	1021.721	1021.283	14.23	14.85	14.16	0.186119	0.00067
1022.127	1021.892	1022.148	1021.672	14.32	14.64	14.1	31.39539	0.113023
1022.177	1022.064	1022.177	1022.011	14.36	15.99	14.05	235.1166	0.84642
1022.311	1022.28	1022.379	1022.177	14.94	15.49	13.9	488.1417	1.75731
1022.195	1022.215	1022.311	1022.154	13.6	15.62	12.85	677.736	2.43985

1022.062	1022.236	1022.307	1022.062	14.55	15.35	12.87	860.3254	3.097171
1021.417	1021.648	1022.062	1021.417	13.21	14.98	12.91	712.5538	2.565193
1021.441	1021.278	1021.463	1021.135	10.79	14.56	8.95	87.67709	0.315638
1021.891	1021.623	1022.001	1021.278	12.71	13	9.44	33.76548	0.121556
1020.792	1021.347	1021.891	1020.674	10.89	14.18	10.81	33.73709	0.121454
1021.609	1021.741	1022.2	1020.792	13.23	16.02	10.59	20.0023	0.072008
1020.59	1021.17	1021.609	1020.59	13.78	16.09	11.51	26.89159	0.09681
1021.119	1020.99	1021.245	1020.59	15.07	15.9	13.41	0.042747	0.000154
1021.443	1021.342	1021.577	1021.089	14.04	15.76	13.34	-0.37945	-0.00137
1020.672	1020.943	1021.443	1020.573	11.25	14.47	10.92	-1.38214	-0.00498
1021.505	1021.216	1021.529	1020.672	14.84	15.41	11.04	-2.89524	-0.01042
1021.812	1021.78	1021.924	1021.505	14.35	14.91	14	-1.69074	-0.00609
1021.895	1021.704	1021.895	1021.547	15.16	15.19	13.15	-1.84451	-0.00664
1021.702	1022.114	1022.477	1021.702	13.34	15.44	13.16	-1.43196	-0.00516
1021.587	1021.537	1021.702	1021.112	12.53	13.85	12.09	-2.72331	-0.0098
1022.069	1021.961	1022.24	1021.569	14.62	14.81	12.08	-1.75555	-0.00632
1021.894	1022.039	1022.181	1021.894	12.49	15.24	11.96	-1.17143	-0.00422
1022.011	1021.97	1022.158	1021.855	13.9	14.58	12.36	-3.20211	-0.01153
1021.175	1021.576	1022.011	1021.175	14.15	14.46	13.84	-2.91589	-0.0105
1021.373	1021.281	1021.415	1021.079	14.31	14.59	13.78	0.079421	0.000286
1021.602	1021.469	1021.602	1021.354	14.5	14.76	13.97	46.4745	0.167308
1021.988	1021.786	1021.988	1021.602	14.95	15.12	13.4	294.0286	1.058503
1022.14	1022.117	1022.172	1021.988	13.26	15.46	12.6	491.5972	1.76975
1022.174	1022.156	1022.203	1022.119	12.8	14.26	12.33	681.4832	2.45334
1022.009	1022.174	1022.224	1022.009	13.41	13.81	11.77	832.9597	2.998655
1021.647	1021.853	1022.009	1021.647	13.88	15.04	12.19	939.7179	3.382985
1021.05	1021.405	1021.647	1021.05	13.01	15.33	12.25	1018.04	3.664945
1020.497	1020.746	1021.05	1020.497	12	13.94	11.23	990.2789	3.565004
1020.188	1020.271	1020.497	1020.098	12.38	13.55	11.53	587.5895	2.115322
1019.574	1019.939	1020.201	1019.574	12.6	13.39	11.2	704.7733	2.537184
1019.123	1019.377	1019.574	1019.123	13.76	14.68	11.01	572.9385	2.062578
1018.846	1018.947	1019.123	1018.816	13.34	14.49	13.01	364.1927	1.311094
1018.935	1018.791	1018.935	1018.714	13.83	14.41	12.8	134.8493	0.485458
1019.496	1019.21	1019.496	1018.935	14.53	15.07	13.84	13.96994	0.050292
1019.542	1019.527	1019.592	1019.481	14.41	14.59	13.57	-4.55041	-0.01638
1019.737	1019.641	1019.771	1019.542	14.24	15.17	13.93	-4.17794	-0.01504
1019.831	1019.738	1019.831	1019.641	13.57	14.6	13.41	-3.47978	-0.01253
1019.887	1019.903	1019.939	1019.831	13.41	14.17	13.17	-3.98181	-0.01433
1019.68	1019.8	1019.901	1019.68	13.85	14.03	13.07	-4.32882	-0.01558
1019.764	1019.763	1019.866	1019.679	13.91	14.4	13.63	-3.81938	-0.01375
1019.741	1019.69	1019.782	1019.582	14.04	14.44	13.45	-3.68299	-0.01326
1019.692	1019.772	1019.872	1019.672	13.79	14.44	13.68	-3.43371	-0.01236
1020.111	1019.922	1020.145	1019.692	14.09	14.39	13.76	-3.42951	-0.01235
1020.433	1020.284	1020.433	1020.111	14.17	14.35	13.85	0.249948	0.0009
1020.788	1020.623	1020.788	1020.43	14.78	14.99	14.18	98.75919	0.355533
1020.94	1020.917	1021.018	1020.788	15.38	15.86	14.72	297.3976	1.070631
1020.942	1020.96	1021.019	1020.84	13.68	15.77	13.29	496.1645	1.786192
1020.74	1020.881	1020.956	1020.74	13.91	14.12	12.39	683.8834	2.46198

1020.475	1020.675	1020.746	1020.475	12.67	14.33	12.47	841.306	3.028702
1019.971	1020.189	1020.475	1019.971	13.05	14.2	12.34	656.4827	2.363338
1019.257	1019.64	1019.971	1019.257	10.95	13.68	10.86	609.8251	2.19537
1018.792	1019.003	1019.259	1018.758	10.31	12.71	10.31	611.5492	2.201577
1018.168	1018.519	1018.792	1018.168	9.84	11.61	9.08	779.5751	2.80647
1017.791	1017.928	1018.168	1017.746	8.71	10.75	8.4	787.2612	2.834141
1017.358	1017.63	1017.791	1017.358	8.83	9.94	7.99	538.874	1.939946
1017.148	1017.248	1017.416	1017.133	8.39	9.85	7.611	406.6033	1.463772
1017.133	1017.113	1017.171	1017.039	8.65	9.56	8.24	174.6279	0.62866
1017.579	1017.401	1017.579	1017.133	9.08	9.48	8.41	14.10111	0.050764
1018.033	1017.78	1018.033	1017.561	9.45	10.61	8.76	-4.7981	-0.01727
1018.299	1018.242	1018.33	1018.033	9.84	9.93	9.05	-4.6419	-0.01671
1018.2	1018.296	1018.366	1018.2	10.42	10.58	9.65	-4.62335	-0.01664
1018.298	1018.243	1018.304	1018.156	10.91	11.06	10.35	-4.54437	-0.01636
1018.297	1018.285	1018.32	1018.244	11.09	11.82	10.72	-4.42016	-0.01591
1018.197	1018.29	1018.343	1018.197	11.32	11.54	11.02	-3.87975	-0.01397
1018.463	1018.283	1018.463	1018.171	11.41	11.61	11.17	-4.20609	-0.01514
1018.711	1018.515	1018.711	1018.444	10.84	11.71	10.59	-3.92712	-0.01414
1018.91	1018.826	1018.959	1018.711	10.76	11.01	10.43	-4.13839	-0.0149
1019.24	1018.991	1019.24	1018.854	10.84	11.11	10.03	-0.30979	-0.00112
1019.625	1019.423	1019.625	1019.24	12.89	13.25	10.74	96.53791	0.347537
1020.014	1019.836	1020.037	1019.625	12.61	13.45	11.9	298.0912	1.073128
1020.254	1020.18	1020.299	1020.014	10.9	12.86	10.18	508.1828	1.829458
1020.16	1020.26	1020.311	1020.16	9.1	11.14	8.98	699.8342	2.519403
1020.128	1020.159	1020.221	1020.08	5.527	10.34	5.293	854.5842	3.076503
1020.031	1020.083	1020.132	1019.991	5.692	7.247	4.378	971.3812	3.496972
1019.499	1019.768	1020.031	1019.499	6.903	6.985	4.031	1009.904	3.635655
1019.12	1019.373	1019.532	1019.12	6.861	7.878	4.94	981.7938	3.534458
1018.67	1018.903	1019.13	1018.67	7.224	8.27	4.972	898.7567	3.235524
1018.237	1018.432	1018.67	1018.237	4.563	7.44	4.453	766.7748	2.760389
1018.146	1018.152	1018.237	1018.093	3.434	5.274	1.629	588.2941	2.117859
1018.115	1018.066	1018.146	1018.007	3.103	4.471	1.98	375.7954	1.352863
1018.479	1018.266	1018.479	1018.115	2.08	3.355	0.906	173.7252	0.625411
1019.018	1018.703	1019.018	1018.479	2.746	3.157	1.623	14.29127	0.051449
1019.427	1019.243	1019.427	1019.018	3.393	4.034	2.09	-5.64888	-0.02034
1019.965	1019.689	1019.965	1019.427	2.047	4.192	1.932	-5.02009	-0.01807
1019.94	1019.966	1020.011	1019.932	2.246	3.037	1.772	-5.44843	-0.01961
1019.877	1019.906	1019.962	1019.866	2.13	2.413	1.723	-5.66407	-0.02039
1019.761	1019.731	1019.877	1019.603	4.526	5.568	1.753	-5.67544	-0.02043
1019.788	1019.765	1019.816	1019.698	4.051	5.216	3.891	-4.5652	-0.01643
1019.602	1019.663	1019.788	1019.582	3.11	5.437	2.425	-4.7895	-0.01724
1019.838	1019.67	1019.838	1019.558	3.09	5.029	2.669	-4.26822	-0.01537
1020.082	1019.833	1020.082	1019.646	5.45	5.624	2.827	-4.55138	-0.01638
1020.839	1020.437	1020.839	1020.082	5.25	5.649	4.842	-1.44315	-0.0052
1021.41	1021.125	1021.411	1020.839	4.903	5.369	4.676	101.4797	0.365327
1021.733	1021.532	1021.733	1021.41	6.236	6.387	4.846	312.7685	1.125966
1021.838	1021.727	1021.842	1021.59	6.562	7.753	5.99	518.4675	1.866483
1021.773	1021.79	1021.843	1021.75	4.415	6.965	4.099	706.9728	2.545102

1021.405	1021.575	1021.773	1021.395	-0.56	5.122	-2.873	864.3677	3.111724
1021.12	1021.291	1021.458	1021.12	0.595	2.27	-0.911	968.7307	3.48743
1020.429	1020.731	1021.12	1020.422	1.873	2.592	0.349	1010.138	3.636496
1019.762	1020.049	1020.429	1019.762	-0.152	2.822	-2.952	996.6502	3.587941
1019.233	1019.47	1019.762	1019.233	-2.465	0.172	-3.516	918.5114	3.306641
1018.849	1019.064	1019.233	1018.849	-3.493	-1.09	-4.521	780.5127	2.809846
1018.345	1018.621	1018.849	1018.345	-3.095	-1.307	-4.25	588.4537	2.118433
1018.032	1018.174	1018.345	1018.032	-3.396	-1.576	-4.711	375.9243	1.353328
1018.142	1018.046	1018.142	1018.012	-2.091	0.074	-4.111	166.3434	0.598836
1018.333	1018.217	1018.333	1018.142	-2.234	-0.211	-2.376	12.76672	0.04596
1018.968	1018.648	1018.968	1018.333	0.079	1.037	-3.574	-6.86834	-0.02473
1019.226	1019.131	1019.234	1018.968	-0.34	0.195	-1.03	-5.91965	-0.02131
1019.335	1019.277	1019.338	1019.226	-0.589	-0.234	-1.119	-5.68249	-0.02046
1019.732	1019.464	1019.732	1019.334	-0.132	0.051	-1.061	-5.60272	-0.02017
1019.895	1019.732	1019.895	1019.651	1.872	3.393	-0.217	-5.49278	-0.01977
1019.556	1019.717	1019.918	1019.556	0.295	2.002	-0.362	-4.25735	-0.01533
1019.411	1019.464	1019.556	1019.39	1.857	3.89	0.226	-5.00661	-0.01802
1019.154	1019.4	1019.511	1019.154	1.101	3.309	1.017	-4.55628	-0.0164
1019.435	1019.305	1019.435	1019.154	3.039	3.601	0.886	-4.15391	-0.01495
1019.71	1019.622	1019.71	1019.435	0.854	3.477	0.733	-1.07869	-0.00388
1020.651	1020.165	1020.651	1019.71	3.1	3.678	0.707	94.74376	0.341078
1021.043	1020.979	1021.12	1020.651	3.412	3.654	0.546	296.8296	1.068587
1021.09	1020.934	1021.09	1020.827	4.078	5.362	2.08	505.021	1.818076
1020.77	1020.962	1021.12	1020.77	3.888	4.24	1.633	696.756	2.508322
1020.26	1020.594	1020.77	1020.26	3.482	4.903	2.937	855.181	3.078651
1019.692	1020.009	1020.26	1019.692	-2.029	4.147	-3.837	966.4192	3.479109
1019.272	1019.536	1019.707	1019.272	1.868	2.991	-2.204	1006.951	3.625022
1018.592	1018.962	1019.272	1018.592	2.5	3.425	1.831	988.8327	3.559798
1017.893	1018.278	1018.592	1017.893	1.802	3.133	1.332	821.0701	2.955853
1017.377	1017.623	1017.893	1017.377	1.916	2.989	1.088	506.5288	1.823504
1017.079	1017.276	1017.408	1017.079	2.547	3.32	1.538	486.6986	1.752115
1016.943	1017.04	1017.108	1016.943	4.983	5.638	2.474	351.3801	1.264968
1017.222	1017.1	1017.222	1016.943	5.389	5.843	4.491	188.3246	0.677968
1017.6	1017.322	1017.6	1017.208	7.434	7.536	5.123	10.82903	0.038985
1018.45	1018.06	1018.455	1017.6	7.605	7.793	7.368	-5.73535	-0.02065
1019.094	1018.839	1019.13	1018.45	7.613	8.05	7.434	-5.2642	-0.01895
1019.269	1019.223	1019.291	1019.094	8.93	9.01	7.564	-5.19318	-0.0187
1019.446	1019.365	1019.5	1019.263	9.04	9.1	8.81	-5.05458	-0.0182
1020.121	1019.714	1020.121	1019.446	9.36	9.79	8.87	-5.07398	-0.01827
1020.803	1020.529	1020.803	1020.121	10.5	10.53	9.13	-4.41664	-0.0159
1021.271	1020.913	1021.271	1020.649	12.43	12.55	10.44	-4.03994	-0.01454
1021.674	1021.406	1021.681	1021.255	14.67	14.73	12.39	-4.04314	-0.01456
1022.144	1021.799	1022.144	1021.631	14.71	14.87	14.6	-4.07659	-0.01468
1022.29	1022.198	1022.376	1022.064	14.49	14.89	14.34	-1.29147	-0.00465
1022.528	1022.395	1022.529	1022.29	14.99	15.07	13.88	84.85301	0.305471
1022.95	1022.636	1022.95	1022.528	15.92	15.99	15	277.9982	1.000794
1023.451	1023.362	1023.504	1022.95	15.53	15.97	15.34	473.6187	1.705028
1022.955	1023.314	1023.536	1022.955	14.56	15.75	14.44	659.6989	2.374916

1022.44	1022.746	1022.958	1022.44	13.13	14.64	12.55	818.4927	2.946574
1021.452	1021.978	1022.44	1021.452	12.79	13.46	12.63	932.3007	3.356283
1020.921	1021.131	1021.452	1020.896	11.84	13.28	11.16	975.9747	3.513509
1020.014	1020.552	1020.921	1020.014	10.6	12.69	10.48	957.6472	3.44753
1019.018	1019.665	1020.014	1019.018	7.72	11.57	7.628	891.0242	3.207687
1018.918	1019.026	1019.102	1018.918	3.534	8.05	-0.264	832.2573	2.996126
1019.142	1018.854	1019.151	1018.437	3.802	7.056	2.663	514.5943	1.85254
1019.323	1018.744	1019.323	1018.481	8.81	8.93	1.217	276.693	0.996095
1020.917	1020.273	1020.917	1019.323	10.48	10.97	8.85	32.39386	0.116618
1020.511	1020.786	1020.949	1020.511	10.23	10.95	10.23	0.698668	0.002515
1020.747	1020.589	1020.777	1020.388	10.76	10.86	9.98	-3.6569	-0.01316
1021.027	1020.846	1021.161	1020.676	10.58	10.84	10.05	-3.4971	-0.01259
1021.445	1021.31	1021.462	1021.027	10.25	10.69	10.15	-3.70855	-0.01335
1021.576	1021.451	1021.581	1021.344	9.38	10.34	9.35	-3.92377	-0.01413
1021.883	1021.706	1021.893	1021.451	9.85	10.22	9.33	-4.03307	-0.01452
1021.694	1021.877	1021.95	1021.694	10.65	11.01	9.8	-4.45151	-0.01603
1021.839	1021.709	1021.839	1021.661	10.9	11	10.32	-4.34383	-0.01564
1021.589	1021.644	1021.839	1021.473	10.67	11.1	10.61	-3.69706	-0.01331
1021.871	1021.703	1021.871	1021.589	10.56	10.79	9.98	-3.33338	-0.012
1023.09	1022.417	1023.09	1021.871	10.67	10.74	10.1	-1.21324	-0.00437
1023.282	1023.242	1023.386	1023.09	11.48	11.57	10.62	79.84336	0.287436
1023.578	1023.514	1023.654	1023.282	10.68	11.69	10.66	270.1294	0.972466
1023.613	1023.639	1023.746	1023.573	10.54	11.1	10.28	472.3703	1.700533
1023.427	1023.579	1023.656	1023.427	11.02	11.39	10.49	663.5974	2.388951
1022.891	1023.19	1023.427	1022.891	11.53	11.73	10.64	811.926	2.922934
1022.242	1022.549	1022.891	1022.241	12.28	12.41	11.42	831.7361	2.99425
1021.785	1022.032	1022.242	1021.785	12.12	12.64	11.75	802.2515	2.888105
1021.272	1021.52	1021.785	1021.272	10.71	12.52	10.52	848.8591	3.055893
1020.246	1020.829	1021.272	1020.246	11.44	11.45	10.13	775.2244	2.790808
1019.31	1019.866	1020.246	1019.31	12.22	12.85	11.19	528.3221	1.90196
1021.92	1020.461	1021.92	1019.31	12.66	14.71	10.63	12.44773	0.044812
1022.768	1022.38	1023.149	1021.642	13.67	14.83	4.945	-0.85873	-0.00309
1022.984	1023.277	1024.04	1022.213	13.18	14.92	9.7	-1.25325	-0.00451
1023.538	1023.042	1023.538	1022.622	11.84	14.49	9.77	-8.55811	-0.03081
1023.718	1023.583	1023.959	1023.374	11.01	12.77	10.54	-1.86936	-0.00673
1022.866	1023.483	1023.755	1022.866	11.49	12.78	10.69	-2.99801	-0.01079
1022.173	1022.571	1022.875	1022.173	11.91	12.44	11.22	-3.72499	-0.01341
1021.942	1021.949	1022.178	1021.73	11.77	12.57	10.17	-3.55061	-0.01278
1022.355	1022.387	1022.741	1021.942	11.86	12.89	10.96	-3.8473	-0.01385
1022.576	1022.412	1022.59	1022.27	10.97	12.04	10.43	-3.93051	-0.01415
1023.333	1022.885	1023.333	1022.576	12.94	13.11	10.85	-3.48065	-0.01253
1023.221	1023.392	1023.691	1023.177	11.81	13.22	11.77	-2.63526	-0.00949
1023.233	1023.17	1023.31	1023.069	12.52	13.17	10.84	-3.23795	-0.01166
1023.474	1023.473	1023.583	1023.233	12.21	12.78	12.01	-1.52348	-0.00548
1023.86	1023.579	1023.88	1023.399	13.28	13.57	11.85	60.98478	0.219545
1023.966	1023.984	1024.11	1023.86	12.87	14.09	12.75	232.4899	0.836964
1023.809	1023.864	1023.996	1023.729	12.74	13.51	12.11	425.8521	1.533068
1023.521	1023.663	1023.832	1023.513	11.51	13.04	10.29	612.7903	2.206045

1022.985	1023.311	1023.521	1022.985	13.06	13.61	11.28	776.5126	2.795445
1022.657	1022.819	1023.017	1022.657	12.53	13.86	12.07	885.6929	3.188494
1022.132	1022.428	1022.657	1022.132	13.13	13.85	12	925.7756	3.332793
1021.574	1021.85	1022.132	1021.574	12.32	13.79	11.71	915.6887	3.29648
1020.778	1021.26	1021.574	1020.778	11.2	12.9	9.93	801.722	2.886199
1020.118	1020.482	1020.778	1020.118	12.66	12.7	8.91	703.4476	2.532411
1019.542	1019.964	1020.118	1019.542	12.28	12.66	11.53	537.3283	1.934382
1019.181	1019.595	1019.695	1019.181	13.39	13.74	11.95	336.4213	1.211117
1021.539	1020.236	1021.539	1018.902	14.21	15.69	10.27	33.54776	0.120772
1021.115	1020.926	1021.539	1020.201	7.757	15.79	6.092	1.104286	0.003975
1021.853	1021.711	1022.316	1021.115	12.48	14.4	6.562	-4.83713	-0.01741
1021.088	1020.968	1022.35	1020.195	8.16	13.08	6.877	-1.90407	-0.00685
1020.896	1021.061	1021.151	1020.896	9.04	9.77	5.846	-3.51559	-0.01266
1021.219	1021.11	1021.227	1020.896	10.76	10.97	8.81	-3.33545	-0.01201
1021.667	1021.472	1021.667	1021.219	11.81	13.31	10.72	-4.38905	-0.0158
1022.058	1021.784	1022.058	1021.563	13.43	13.65	11.75	-4.03457	-0.01452
1022.192	1022.069	1022.192	1021.999	14.11	14.25	13.09	-3.42654	-0.01234
1022.813	1022.512	1022.813	1022.192	13.64	14.36	13.51	-3.1357	-0.01129
1022.919	1022.859	1023.001	1022.758	13.24	13.82	12.81	-3.47717	-0.01252
1023.872	1023.191	1023.872	1022.916	13.03	13.35	12.86	-1.84615	-0.00665
1023.603	1023.595	1023.872	1023.373	12.06	13.73	11.75	71.95381	0.259034
1023.347	1023.377	1023.62	1023.198	12.46	12.63	11.53	258.0974	0.929151
1023.257	1023.225	1023.347	1023.156	13.17	13.7	12.15	484.2721	1.74338
1023.276	1023.283	1023.339	1023.212	14.06	14.14	13.08	439.6081	1.582589
1023.05	1023.153	1023.276	1023.027	13.67	15.02	13.67	704.4689	2.536088
1022.674	1022.996	1023.157	1022.674	14.55	14.86	13.45	814.8196	2.933351
1021.897	1022.326	1022.674	1021.897	13.54	14.7	12.11	958.7169	3.451381
1021.014	1021.528	1021.897	1021.014	10.53	13.68	10.36	884.1295	3.182866
1020.035	1020.651	1021.014	1020.035	7.383	11.1	4.87	705.9557	2.54144
1019.536	1019.616	1020.035	1019.345	7.576	8.63	6.44	257.3162	0.926338
1018.646	1019.135	1019.536	1018.646	9.43	10.29	7.304	107.8635	0.388309
1018.907	1018.761	1018.907	1018.646	12.39	13.07	8.76	136.7961	0.492466
1019.466	1019.064	1019.466	1018.907	12.42	12.7	10.75	35.26692	0.126961
1020.448	1019.794	1020.448	1019.367	11	14.22	9.98	-1.46247	-0.00526
1021.095	1020.744	1021.095	1020.448	9.85	11.05	9.57	-2.68541	-0.00967
1021.384	1021.366	1021.574	1021.086	10.09	10.88	9.85	-3.49155	-0.01257
1021.494	1021.47	1021.536	1021.384	9.78	11.64	9.43	-4.46639	-0.01608
1021.629	1021.707	1021.811	1021.494	10.29	10.52	9.4	-3.74149	-0.01347
1021.279	1021.439	1021.629	1021.279	11.24	11.55	9.66	-4.55844	-0.01641
1021.188	1021.242	1021.335	1021.143	11.21	11.44	9.76	-4.03473	-0.01453
1021.1	1021.159	1021.226	1021.084	11.35	11.56	10.68	-3.59794	-0.01295
1021.491	1021.285	1021.491	1021.1	10.84	11.6	10.82	-3.90333	-0.01405
1021.505	1021.426	1021.549	1021.332	10.42	10.96	9.77	-3.64267	-0.01311
1022.006	1021.734	1022.006	1021.505	10.37	10.63	9.29	-1.76348	-0.00635
1022.442	1022.211	1022.442	1022.006	11.16	11.27	10.26	80.63078	0.290271
1022.618	1022.502	1022.641	1022.412	10.13	11.48	10.05	273.6892	0.985281
1022.626	1022.551	1022.642	1022.448	10.85	11.24	9.67	473.1936	1.703497
1022.601	1022.676	1022.729	1022.601	10.86	11.96	10.63	663.5467	2.388768

1022.292	1022.507	1022.604	1022.292	7.186	11.13	7.06	822.257	2.960125
1021.703	1022.03	1022.292	1021.703	8.15	8.94	6.188	929.4554	3.34604
1020.823	1021.299	1021.703	1020.823	8.2	8.92	6.796	975.7196	3.51259
1020.015	1020.476	1020.823	1020.015	7.219	8.2	6.413	961.0447	3.459761
1019.201	1019.648	1020.015	1019.201	7.832	8.12	6.364	753.3107	2.711919
1018.493	1018.758	1019.201	1018.45	7.353	8.4	6.74	508.0732	1.829064
1018.871	1018.705	1019.04	1018.441	10.03	13.61	7.061	85.89954	0.309238
1019.772	1019.104	1019.772	1018.865	13.12	14.55	6.177	28.82799	0.103781
1019.52	1019.797	1020.456	1019.326	13.02	15.28	8.82	2.847845	0.010252
1020.087	1019.593	1020.087	1019.32	11.7	13.54	10.74	-1.38741	-0.00499
1020.116	1020.047	1020.116	1019.992	9.45	11.92	9.29	-2.47985	-0.00893
1020.352	1020.293	1020.363	1020.116	9.03	10.12	8.58	-3.7973	-0.01367
1021.042	1020.644	1021.132	1020.282	10.67	11.45	8.47	-4.24698	-0.01529
1021.292	1021.166	1021.319	1020.943	11.91	12.22	10.59	-4.24265	-0.01527
1021.673	1021.413	1021.673	1021.292	10.49	11.98	10.33	-3.86114	-0.0139
1021.46	1021.667	1021.812	1021.446	10.87	11.11	10.34	-3.4707	-0.01249
1021.42	1021.418	1021.487	1021.303	11.61	11.99	10.42	-2.62493	-0.00945
1020.984	1021.315	1021.517	1020.984	11.74	12.74	10.95	-2.0716	-0.00746
1021.273	1021.333	1021.481	1020.984	12.8	13.57	11.65	-3.10915	-0.01119
1020.732	1020.913	1021.273	1020.732	12.9	13.16	12.45	-0.04712	-0.00017
1020.81	1020.858	1020.924	1020.732	13.29	13.48	12.72	114.1632	0.410987
1020.985	1020.891	1021.014	1020.801	12.33	13.92	11.93	325.6123	1.172204
1020.963	1020.986	1021.102	1020.916	13.21	14	12.13	460.2469	1.656889
1021.127	1021.078	1021.138	1020.963	14.2	14.22	12.72	649.8184	2.339346
1020.966	1021.06	1021.141	1020.954	14.13	14.98	13.23	803.8459	2.893845
1020.653	1020.838	1020.966	1020.653	12.68	14.31	11.7	907.3184	3.266346
1019.86	1020.257	1020.653	1019.86	10.75	13.41	10.09	952.8492	3.430257
1019.382	1019.631	1019.86	1019.358	10.65	11.51	9.34	931.3214	3.352757
1018.869	1018.959	1019.382	1018.653	10.75	11.91	8.23	429.3126	1.545525
1018.643	1018.777	1018.92	1018.598	11.14	12.67	10.35	69.14763	0.248932
1018.851	1018.657	1018.851	1018.373	11.23	12.76	10.58	85.02032	0.306073
1018.776	1018.837	1018.919	1018.743	10.3	11.31	10.09	37.46425	0.134871
1019.098	1019.053	1019.255	1018.776	11.03	11.2	9.71	18.97862	0.068323
1019.021	1019.089	1019.196	1019.011	11.57	11.9	10.02	-0.5097	-0.00183
1019.252	1019.107	1019.275	1018.957	10.01	12.02	9.95	-3.09876	-0.01116
1019.373	1019.278	1019.373	1019.158	11.51	12.05	9.48	-3.97914	-0.01432
1019.15	1019.308	1019.674	1019.099	11.69	11.79	10.06	-3.22099	-0.0116
1019.243	1019.273	1019.372	1019.15	11.94	12.42	10.74	-3.50939	-0.01263
1019.014	1019.115	1019.336	1018.862	11.33	12.06	10.93	-2.69452	-0.0097
1018.637	1018.856	1019.067	1018.637	10.94	11.56	10.54	-2.90721	-0.01047
1018.917	1018.736	1018.917	1018.63	11.66	11.94	10.7	-3.24873	-0.0117
1018.865	1018.895	1019.002	1018.786	11.09	12.91	10.69	-3.45659	-0.01244
1018.922	1018.969	1019.017	1018.865	11.24	11.98	10.92	-3.16868	-0.01141
1019.29	1019.001	1019.29	1018.849	11.42	11.93	11.08	-1.65441	-0.00596
1019.62	1019.46	1019.62	1019.29	11.89	12.45	11.07	43.84999	0.15786
1019.841	1019.744	1019.877	1019.62	12.01	13.31	11.42	216.2852	0.778627
1019.938	1019.947	1020.035	1019.815	11.95	12.58	10.71	451.1249	1.62405
1019.909	1019.903	1019.964	1019.832	13.44	13.59	11.82	647.156	2.329762

1019.784	1019.864	1019.958	1019.784	12.3	13.87	12.08	800.1477	2.880532
1019.283	1019.527	1019.784	1019.283	6.841	12.67	6.608	912.5228	3.285082
1018.599	1019.035	1019.283	1018.599	9.14	9.21	6.067	386.1264	1.390055
1018.316	1018.447	1018.599	1018.316	12.9	13.27	8.91	63.48397	0.228542
1018.078	1018.031	1018.316	1017.556	11.52	12.99	1.147	70.67279	0.254422
1017.798	1017.81	1018.56	1017.269	10.16	11.62	4.939	42.0433	0.151356
1018.213	1018.058	1018.45	1017.442	10.16	11.09	7.564	24.24562	0.087284
1018.476	1018.657	1018.965	1018.213	9.12	11.6	8.89	65.71829	0.236586
1017.999	1017.975	1018.476	1017.559	9.12	9.83	8.13	109.3367	0.393612
1019.426	1018.687	1019.426	1017.999	9.32	9.82	8.21	4.210367	0.015157
1020.675	1020.153	1020.675	1019.426	10.66	11.16	8.47	-3.02231	-0.01088
1021.221	1020.941	1021.323	1020.577	12.66	12.85	10.65	-3.1133	-0.01121
1021.288	1021.648	1022.046	1021.221	12.32	12.97	12.21	-2.72202	-0.0098
1020.812	1021.158	1021.404	1020.732	11.71	12.49	11.64	-2.4759	-0.00891
1020.454	1020.773	1020.926	1020.454	11.81	12.19	11.64	-2.54121	-0.00915
1019.813	1020.048	1020.454	1019.777	12.9	13.14	11.76	-2.53625	-0.00913
1019.538	1019.65	1019.813	1019.507	12.17	13.04	11.92	-1.94466	-0.007
1019.799	1019.521	1019.799	1019.344	13	13.08	11.71	-2.39042	-0.00861
1019.635	1019.704	1019.813	1019.609	13.22	13.28	12.75	-2.77174	-0.00998
1020.426	1019.784	1020.426	1019.616	12.51	13.43	12.5	-1.99074	-0.00717
1021.049	1020.934	1021.104	1020.426	12.1	12.73	12.04	39.7486	0.143095
1021.498	1021.244	1021.498	1021.044	13.26	13.26	11.41	111.6923	0.402093
1021.451	1021.548	1021.589	1021.451	11.23	13.17	11.02	362.7586	1.305931
1021.545	1021.44	1021.551	1021.369	11.05	12.04	9.69	619.3478	2.229652
1021.413	1021.541	1021.609	1021.413	11.31	11.62	10.51	623.075	2.24307
1021.228	1021.326	1021.413	1021.208	11.47	11.99	11.01	489.0525	1.760589
1020.522	1020.93	1021.228	1020.522	11.63	11.99	11.04	973.8466	3.505847
1019.853	1020.197	1020.522	1019.85	9.53	11.76	9.37	941.5105	3.389438
1019.035	1019.551	1019.853	1019.035	8.5	9.8	8.21	853.4288	3.072343
1018.578	1018.708	1019.035	1018.494	9.22	9.98	8.19	184.3952	0.663823
1019.162	1018.742	1019.162	1018.526	14.33	15.26	9.06	53.89527	0.194023
1019.642	1019.521	1019.713	1019.162	13.34	14.62	12.17	17.04925	0.061377
1020.454	1019.916	1020.454	1019.595	12.23	13.72	11.44	8.251211	0.029704
1020.528	1020.492	1020.575	1020.437	14.13	14.6	12.08	-3.59344	-0.01294
1021.517	1021.024	1021.545	1020.523	14.23	15.64	13.63	-6.53854	-0.02354
1022.844	1022.107	1022.844	1021.517	14.63	15.15	13.4	-2.47825	-0.00892
1021.968	1022.616	1022.962	1021.942	15.24	15.37	13.31	-2.30993	-0.00832
1022.172	1021.939	1022.172	1021.726	13.85	15.53	13.56	-2.16955	-0.00781
1022.819	1022.456	1022.819	1022.172	14.27	14.86	13.65	-1.90299	-0.00685
1022.463	1022.712	1022.909	1022.463	14.45	14.75	14.14	-1.82214	-0.00656
1022.061	1022.261	1022.463	1022.061	13.89	14.51	13.78	-3.306	-0.0119
1021.779	1021.94	1022.061	1021.779	14.03	14.28	13.61	-2.81089	-0.01012
1022.35	1022.058	1022.35	1021.779	14.19	14.36	13.4	-2.09402	-0.00754
1022.833	1022.48	1022.833	1022.205	14.31	14.79	13.8	-0.87727	-0.00316
1023.393	1023.127	1023.393	1022.833	15.03	15.03	13.94	70.8009	0.254883
1023.835	1023.544	1023.835	1023.393	15.01	15.39	14.73	133.5685	0.480847
1024.2	1024.03	1024.2	1023.835	14.77	15.29	14.42	249.407	0.897865
1024.493	1024.322	1024.493	1024.2	13.73	15.13	13.54	287.0481	1.033373



1024.491	1024.531	1024.562	1024.491	14.1	14.91	13.49	458.5476	1.650771
1024.035	1024.324	1024.491	1024.035	13.79	14.23	12.15	716.7416	2.58027
1023.607	1023.829	1024.039	1023.521	12.22	14.1	11.98	729.8604	2.627497
1023.232	1023.392	1023.607	1023.232	12.85	14.12	11.78	614.8681	2.213525
1022.634	1022.923	1023.232	1022.634	12.13	13.84	11.97	489.6874	1.762875
1022.35	1022.613	1022.755	1022.35	10.79	13.02	10.49	236.7021	0.852128
1021.989	1022.128	1022.35	1021.959	10.72	11.03	9.02	527.8116	1.900122
1022.382	1022.152	1022.382	1021.989	11.92	13.11	9.48	330.3868	1.189392
1022.878	1022.557	1022.878	1022.382	12.46	12.46	10.87	113.7663	0.409559
1023.458	1023.177	1023.458	1022.878	13.49	13.62	12.32	-1.15002	-0.00414
1023.656	1023.619	1023.72	1023.458	14.39	15.36	13.35	-4.01334	-0.01445
1023.967	1023.846	1023.967	1023.656	14.65	14.83	14.31	-3.75045	-0.0135
1024.141	1024.049	1024.141	1023.958	14.95	15.14	14.5	-3.50787	-0.01263
1024.169	1024.177	1024.206	1024.141	14.9	15.15	14.75	-3.02308	-0.01088
1024.088	1024.042	1024.169	1023.99	15.14	15.31	14.81	-2.4315	-0.00875
1023.872	1024.024	1024.088	1023.872	15.2	15.41	15.08	-2.09349	-0.00754
1023.664	1023.772	1023.881	1023.61	14.76	15.22	14.72	-2.75976	-0.00994
1023.809	1023.827	1023.905	1023.664	14.9	15.08	14.6	-1.83458	-0.0066
1023.769	1023.723	1023.809	1023.657	14.67	15.07	14.6	-2.77916	-0.01
1024.18	1024.004	1024.18	1023.769	14.81	15.08	14.35	-2.15043	-0.00774
1024.701	1024.381	1024.701	1024.18	14.94	15.08	14.18	22.77637	0.081995
1024.986	1024.818	1024.986	1024.658	15.32	15.46	14.88	136.5363	0.491531
1024.898	1024.963	1025.009	1024.898	14.93	15.55	14.6	480.6571	1.730366
1024.866	1024.885	1024.922	1024.846	14.17	15.08	13.91	567.2477	2.042092
1024.37	1024.686	1024.866	1024.37	12.73	14.71	11.71	809.3853	2.913787
1023.742	1024.08	1024.37	1023.742	12.08	13.05	11.49	903.3678	3.252124
1023.382	1023.554	1023.798	1023.333	12.57	13	11.15	949.9872	3.419954
1024.704	1023.573	1024.704	1023.337	15.15	16.76	12.05	176.8546	0.636677
1023.574	1024.082	1024.754	1023.551	16.84	18.21	14.7	77.46657	0.27888
1023.266	1023.43	1023.574	1023.266	15.16	19.08	14.59	548.7373	1.975454
1022.964	1022.974	1023.266	1022.802	15.17	16.57	14.48	490.6038	1.766174
1022.622	1022.714	1022.964	1022.575	14.98	16.36	14.41	156.4937	0.563377
1022.877	1022.634	1022.877	1022.534	16.58	16.58	14.55	66.24222	0.238472
1022.959	1022.943	1023.046	1022.842	16.94	17.52	16.23	2.521227	0.009076
1023.683	1023.336	1023.683	1022.959	17.03	17.17	16.43	-3.90189	-0.01405
1023.996	1023.892	1023.996	1023.683	17.49	17.76	16.56	-3.72394	-0.01341
1024.028	1023.965	1024.044	1023.908	16.55	17.56	15.74	-3.11368	-0.01121
1023.895	1023.955	1024.028	1023.895	16.11	16.93	16.11	-3.71314	-0.01337
1023.869	1023.857	1023.922	1023.815	16.17	16.65	15.95	-3.2518	-0.01171
1023.647	1023.814	1023.898	1023.634	16.43	16.47	15.88	-2.98858	-0.01076
1023.534	1023.565	1023.664	1023.471	16.02	16.49	15.91	-2.07931	-0.00749
1023.468	1023.558	1023.634	1023.468	15.74	16.12	15.68	-2.00939	-0.00723
1023.788	1023.597	1023.788	1023.468	15.36	15.89	15.23	-2.06422	-0.00743
1024.101	1024.021	1024.179	1023.788	15.31	15.58	15.27	-0.86095	-0.0031
1024.382	1024.263	1024.382	1024.061	15.79	15.87	14.84	81.01266	0.291646
1024.586	1024.487	1024.587	1024.382	17.05	17.13	15.61	266.2065	0.958343
1024.395	1024.517	1024.586	1024.395	15.84	17.75	15.44	464.1016	1.670766
1024.231	1024.365	1024.395	1024.231	16.7	17.34	15.09	652.2544	2.348116

1023.977	1024.14	1024.231	1023.977	15.28	16.9	13.3	809.825	2.91537
1023.448	1023.734	1023.977	1023.433	13.2	15.87	12.68	925.5239	3.331886
1022.624	1023.049	1023.448	1022.624	12.59	14.83	11.69	962.2073	3.463946
1021.866	1022.156	1022.624	1021.866	12.71	14.75	12.37	831.6903	2.994085
1021.13	1021.476	1021.866	1021.13	10.24	13.85	9.97	684.9389	2.46578
1020.244	1020.8	1021.15	1020.244	9.87	11.74	9.05	657.8778	2.36836
1020.028	1020.226	1020.428	1019.994	11.31	12.83	9.82	585.9096	2.109275
1019.977	1020.047	1020.265	1019.897	14.07	17.11	11.19	330.742	1.190671
1020.192	1019.95	1020.192	1019.803	11.96	14.51	11.76	125.2182	0.450786
1021.545	1020.695	1021.545	1020.192	16.32	16.69	11.61	1.789874	0.006444
1022.264	1021.765	1022.264	1021.476	16.3	16.77	15.54	-2.36452	-0.00851
1022.009	1022.224	1022.373	1022.009	14.51	16.52	14.26	-2.94721	-0.01061
1021.472	1021.637	1022.009	1021.472	15.81	15.94	13.77	-4.30323	-0.01549
1021.444	1021.562	1021.701	1021.414	15.04	16.13	14.84	-3.75793	-0.01353
1021.098	1021.316	1021.444	1021.089	15.1	15.63	14.67	-3.62794	-0.01306
1020.987	1021.141	1021.262	1020.987	14.76	15.73	14.48	-3.6153	-0.01302
1020.863	1020.896	1020.987	1020.793	14.75	15	14.56	-4.03168	-0.01451
1020.555	1020.715	1020.863	1020.555	14.4	15.03	14.35	-3.74718	-0.01349
1021.017	1020.809	1021.021	1020.555	14.26	14.63	14.26	-3.70283	-0.01333
1021.584	1021.261	1021.606	1021.017	14.08	14.43	13.93	-2.12555	-0.00765
1021.848	1021.76	1021.848	1021.584	15.15	15.63	13.98	77.28388	0.278222
1021.887	1021.881	1021.953	1021.832	15.21	16.31	14.6	268.2148	0.965573
1021.949	1021.939	1022.016	1021.865	14.75	15.91	14.28	468.1913	1.685489
1021.912	1021.941	1022	1021.893	13.47	15.61	13.41	657.8176	2.368143
1021.666	1021.804	1021.912	1021.666	13.64	14.82	12.79	816.6689	2.940008
1020.96	1021.336	1021.666	1020.96	7.263	14.22	5.724	936.138	3.370097
1020.528	1020.731	1020.96	1020.528	5.954	9.29	2.184	985.2904	3.547046
1019.831	1020.171	1020.528	1019.831	4.905	6.481	2.744	970.6453	3.494323
1019.247	1019.629	1019.879	1019.206	2.412	7.267	2.412	904.0253	3.254491
1018.375	1018.912	1019.247	1018.375	2.916	5.003	1.214	747.0545	2.689396
1018.291	1018.362	1018.443	1018.278	10.58	12.8	2.189	543.1017	1.955166
1018.181	1018.26	1018.339	1018.141	8.93	10.94	8.41	324.6996	1.168919
1018.346	1018.186	1018.346	1018.115	10.09	10.14	7.784	124.3256	0.447572
1018.717	1018.518	1018.717	1018.346	11.49	11.6	9.82	-1.53249	-0.00552
1019.432	1019.043	1019.432	1018.717	12.25	12.38	11.47	-5.09386	-0.01834
1019.597	1019.526	1019.597	1019.432	11.8	12.35	11.6	-4.91176	-0.01768
1019.651	1019.562	1019.651	1019.475	12.01	12.11	11.3	-4.98234	-0.01794
1019.869	1019.857	1019.919	1019.651	12.34	13.16	11.8	-4.69378	-0.0169
1019.849	1019.867	1019.896	1019.821	12.59	12.99	12.08	-4.29242	-0.01545
1019.804	1019.857	1019.928	1019.804	12.37	13.35	12.04	-4.14195	-0.01491
1020.049	1019.936	1020.049	1019.804	12.7	13.63	12.1	-3.73681	-0.01345
1020.028	1020.06	1020.126	1019.995	12.2	13.35	12.06	-3.61011	-0.013
1020.314	1020.196	1020.314	1020.028	12.33	12.91	12.1	-3.30189	-0.01189
1020.696	1020.478	1020.715	1020.274	12.2	12.78	11.91	-2.16991	-0.00781
1021.086	1021.021	1021.165	1020.696	13.21	13.3	11.98	78.63049	0.28307
1021.612	1021.338	1021.612	1021.086	12.71	13.55	12.4	254.9018	0.917646
1021.464	1021.598	1021.654	1021.464	12.07	13.98	11.59	459.6273	1.654658
1021.552	1021.501	1021.552	1021.464	13.44	13.76	12.06	652.0052	2.347219

1021.301	1021.489	1021.555	1021.301	13.51	13.92	12.59	800.7654	2.882755
1020.858	1021.127	1021.323	1020.858	13.43	13.97	12.39	695.6192	2.504229
1020.689	1020.777	1020.858	1020.685	11.29	14.36	10.56	800.3383	2.881218
1020.19	1020.448	1020.689	1020.19	9.77	11.62	7.288	746.881	2.688771
1019.664	1019.995	1020.19	1019.664	7.954	11.15	5.792	663.8187	2.389747
1019.616	1019.581	1019.688	1019.469	12.39	12.83	7.08	505.281	1.819012
1019.403	1019.531	1019.616	1019.394	12.74	14.18	11.79	390.1816	1.404654
1019.147	1019.408	1019.543	1019.147	8.11	13.41	7.989	215.757	0.776725
1019.436	1019.28	1019.436	1019.133	12.56	12.88	7.992	104.4795	0.376126
1019.77	1019.494	1019.77	1019.418	12.81	13.2	12.29	-3.15039	-0.01134
1020.483	1020.077	1020.483	1019.77	13.18	13.38	12.56	-4.58684	-0.01651
1020.734	1020.619	1020.745	1020.483	13.36	13.49	12.78	-4.64427	-0.01672
1020.889	1020.801	1020.889	1020.734	14.18	14.31	13.27	-4.44825	-0.01601
1020.965	1020.922	1020.997	1020.842	13.48	14.33	13.4	-4.2678	-0.01536
1021.182	1021.055	1021.182	1020.944	13.75	13.75	13.16	-3.6829	-0.01326
1021.231	1021.265	1021.359	1021.155	13.87	14.28	13.48	-3.3184	-0.01195
1021.004	1021.212	1021.293	1021.004	13.91	14.22	13.75	-3.51156	-0.01264
1021.032	1020.88	1021.032	1020.804	14.17	14.74	13.57	-3.53307	-0.01272
1021.144	1021.041	1021.144	1020.982	14.08	14.28	13.69	-3.25492	-0.01172
1021.058	1021.186	1021.35	1021.03	14.18	14.38	13.87	-3.09969	-0.01116
1021.641	1021.341	1021.641	1021.034	14.36	14.55	14.03	27.7726	0.099981
1022.154	1021.847	1022.154	1021.641	14.83	15	14.24	152.2583	0.54813
1022.773	1022.464	1022.773	1022.154	15.14	15.41	14.6	304.1547	1.094957
1023.406	1023.076	1023.418	1022.773	14.98	15.83	14.8	365.3009	1.315083
1023.617	1023.571	1023.687	1023.356	14.69	15.75	14.41	672.2535	2.420112
1022.544	1023.285	1023.76	1022.544	14.05	14.79	13.69	850.2805	3.06101
1022.263	1022.449	1022.59	1022.263	14.1	14.59	13.01	937.3803	3.374569
1021.756	1022.026	1022.29	1021.756	14.93	15.26	13.84	582.9767	2.098716
1021.125	1021.28	1021.756	1021.023	16.78	18.45	14.37	369.3338	1.329602
1020.338	1020.65	1021.125	1020.338	13.12	17.85	13.08	373.832	1.345795
1020.308	1020.226	1020.338	1020.18	13.03	13.96	12.31	560.4602	2.017657
1020.544	1020.38	1020.549	1020.238	12.8	13.43	11.85	244.7816	0.881214
1021.155	1020.798	1021.155	1020.544	13.92	14.02	12.82	37.34414	0.134439
1021.507	1021.401	1021.507	1021.155	14.15	14.62	13.79	-2.00938	-0.00723
1022.176	1021.76	1022.176	1021.507	13.72	14.25	13.42	-3.9806	-0.01433
1022.449	1022.402	1022.479	1022.176	13.68	13.95	13.46	-4.07619	-0.01467
1022.713	1022.616	1022.734	1022.449	13.8	13.94	13.42	-4.22773	-0.01522
1022.818	1022.746	1022.82	1022.672	13.91	14.61	13.71	-4.02987	-0.01451
1022.959	1022.915	1022.976	1022.818	14.1	14.29	13.77	-2.75129	-0.0099
1022.752	1022.815	1022.977	1022.712	13.48	14.16	13.45	-3.26941	-0.01177
1022.711	1022.801	1022.857	1022.711	13.13	13.61	13.04	-3.4158	-0.0123
1022.808	1022.726	1022.842	1022.606	13.18	13.33	13.02	-3.47335	-0.0125
1023.109	1022.894	1023.109	1022.755	13.55	13.62	12.97	-3.24503	-0.01168
1023.573	1023.338	1023.573	1023.109	13.19	13.56	13.07	-2.5188	-0.00907
1024.015	1023.781	1024.015	1023.573	13.36	13.78	12.64	66.5566	0.239604
1024.499	1024.29	1024.503	1024.015	13.51	14	13.29	261.2806	0.94061
1024.661	1024.558	1024.661	1024.481	13.61	13.88	13.22	460.4904	1.657766
1024.749	1024.794	1024.874	1024.661	13.55	14.05	13.01	567.9845	2.044744

1024.167	1024.553	1024.749	1024.167	13.14	14.18	13.14	747.8674	2.692322
1024.029	1024.122	1024.306	1024.029	16.99	18.24	13.08	149.7935	0.539257
1023.175	1023.68	1024.029	1023.175	15.8	18.27	14.1	328.7826	1.183617
1023.582	1023.272	1023.582	1023.106	16.53	18.6	14.4	176.136	0.63409
1023.233	1023.457	1023.715	1023.08	16.2	17.31	15.15	150.6202	0.542233
1023.442	1023.238	1023.489	1022.843	15.48	16.46	14.46	210.014	0.756051
1023.887	1023.63	1023.959	1023.16	15.05	16.36	15.05	43.78259	0.157617
1023.502	1023.623	1023.936	1023.418	15.55	15.9	14.5	13.27159	0.047778
1023.098	1023.287	1023.502	1023.098	16.06	16.26	15.4	6.683197	0.02406
1022.888	1022.786	1023.098	1022.285	15.98	16.4	15.66	-0.40673	-0.00146
1023.38	1023.139	1023.401	1022.85	15.1	16.32	14.39	-3.16063	-0.01138
1023.781	1023.604	1023.789	1023.346	14.09	15.25	13.95	-5.22131	-0.0188
1023.599	1023.72	1023.87	1023.578	14.26	14.7	14.03	-4.80197	-0.01729
1023.33	1023.481	1023.599	1023.33	13.72	14.38	13.66	-4.42585	-0.01593
1023.15	1023.303	1023.374	1023.15	14.1	14.3	13.55	-3.0891	-0.01112
1023.056	1023.112	1023.157	1023.047	13.94	14.25	13.48	-2.14665	-0.00773
1023.052	1023.008	1023.056	1022.975	13.56	14.12	13.53	-2.0804	-0.00749
1022.865	1022.943	1023.052	1022.839	13.75	14.02	13.42	-1.9541	-0.00703
1022.807	1022.761	1022.865	1022.696	13.13	13.96	13	-2.03016	-0.00731
1023.169	1022.892	1023.169	1022.737	12.8	13.35	12.67	-1.39244	-0.00501
1023.884	1023.524	1023.884	1023.169	13.74	13.84	12.8	69.08615	0.24871
1024.19	1024.053	1024.228	1023.884	14.66	15.02	13.6	236.3246	0.850769
1024.271	1024.224	1024.271	1024.178	14.58	15.34	14.15	413.6606	1.489178
1024.208	1024.275	1024.315	1024.192	14.52	15.29	13.69	625.3826	2.251378
1023.697	1024.048	1024.227	1023.697	16.04	16.19	14.14	786.7186	2.832187
1023.065	1023.377	1023.697	1023.065	16.14	16.61	14.91	428.2485	1.541695
1022.7	1022.76	1023.065	1022.469	16.78	17.97	15.83	174.5327	0.628318
1022.574	1022.734	1023.016	1022.38	14.01	17.21	12.97	364.0677	1.310644
1021.999	1022.265	1022.687	1021.913	13.9	17.98	13.66	378.5986	1.362955
1020.537	1020.975	1021.999	1020.322	14.11	15.32	13.23	628.2948	2.261861
1020.919	1020.69	1020.933	1020.392	14.53	15.29	11.57	108.8971	0.39203
1021.237	1020.934	1021.277	1020.749	14.81	16.54	13.72	60.62599	0.218254
1021.071	1021.079	1021.303	1020.906	16.12	16.61	12.87	30.77865	0.110803
1021.288	1020.983	1021.309	1020.839	15.35	16.52	15.26	-1.13586	-0.00409
1021.536	1021.481	1021.601	1021.288	13.96	15.91	13.81	-2.96754	-0.01068
1021.262	1021.429	1021.566	1021.262	14.87	14.98	13.39	-3.64836	-0.01313
1021.389	1021.263	1021.389	1021.205	14.64	15.04	14.07	-3.58693	-0.01291
1021.241	1021.37	1021.483	1021.241	15.41	15.79	14.65	-3.2139	-0.01157
1020.799	1021.097	1021.241	1020.799	15.15	15.61	15.1	-2.24208	-0.00807
1020.56	1020.718	1020.828	1020.56	14.26	15.24	14.23	-2.19088	-0.00789
1020.228	1020.401	1020.56	1020.228	13.65	14.41	13.65	-2.07051	-0.00745
1020.342	1020.289	1020.381	1020.228	13.64	14.19	13.28	-2.12465	-0.00765
1020.563	1020.432	1020.563	1020.342	13.38	13.84	13.16	-1.91519	-0.00689
1020.797	1020.632	1020.797	1020.563	13.09	13.74	13.09	-1.2642	-0.00455
1021.213	1021.091	1021.239	1020.797	14.3	14.43	13.05	64.66176	0.232782
1021.543	1021.358	1021.543	1021.19	14.86	15.28	14.22	222.1952	0.799903
1021.788	1021.711	1021.803	1021.543	15.11	15.73	14.55	417.7391	1.503861
1021.726	1021.729	1021.788	1021.67	15.45	16.16	14.73	596.185	2.146266

1021.402	1021.589	1021.726	1021.394	16.45	16.66	15.01	786.7117	2.832162
1020.781	1021.116	1021.402	1020.781	15.28	16.7	14.92	896.1244	3.226048
1020.115	1020.568	1020.781	1020.115	13.51	16.77	10.04	457.9988	1.648796
1019.269	1019.674	1020.115	1019.269	13.33	14.61	11.77	876.5973	3.15575
1018.374	1018.774	1019.269	1018.374	13.21	14.03	11.64	493.3314	1.775993
1017.85	1018.061	1018.374	1017.85	10.93	13.92	9.6	584.4254	2.103931
1017.518	1017.671	1017.85	1017.518	9.67	11.91	8.19	513.3509	1.848063
1017.612	1017.503	1017.612	1017.444	12.63	12.63	9.57	238.5666	0.85884
1017.776	1017.623	1017.776	1017.542	13.19	13.97	11.72	45.96298	0.165467
1018.789	1018.221	1018.789	1017.776	12.54	14.53	11.78	-2.98228	-0.01074
1019.37	1019.073	1019.37	1018.789	12.67	13.16	11.38	-4.12358	-0.01484
1019.61	1019.515	1019.626	1019.37	12.37	13.5	12	-3.93097	-0.01415
1019.718	1019.634	1019.718	1019.545	12.95	13.41	11.99	-3.96228	-0.01426
1019.907	1019.766	1019.907	1019.694	13.25	13.41	12.77	-3.98472	-0.01434
1019.909	1019.942	1020.004	1019.906	13.45	13.64	13.09	-3.88965	-0.014
1019.77	1019.824	1019.909	1019.769	13.3	13.56	13.04	-3.49302	-0.01257
1019.93	1019.899	1019.998	1019.77	13.56	13.87	13.21	-3.26542	-0.01176
1019.961	1019.938	1020.023	1019.867	13.82	14.1	13.44	-3.41199	-0.01228
1020.033	1019.983	1020.033	1019.958	13.84	13.98	13.62	-3.0661	-0.01104
1020.659	1020.273	1020.659	1020.033	13.92	14.16	13.78	-2.76813	-0.00997
1021.163	1020.92	1021.163	1020.659	14.57	14.7	13.86	57.62532	0.207451
1021.618	1021.436	1021.618	1021.163	14.6	14.99	14.21	242.5299	0.873108
1021.831	1021.825	1021.93	1021.618	14.59	15.19	14.16	414.6205	1.492634
1021.977	1021.922	1022.03	1021.821	15.05	15.49	14.19	639.5284	2.302302
1021.675	1021.829	1021.977	1021.675	15.34	15.96	14.52	795.5995	2.864158
1020.976	1021.28	1021.675	1020.958	15.23	16.21	14.8	740.2715	2.664978
1020.434	1020.842	1021.082	1020.434	13.96	15.96	13.94	589.777	2.123197
1019.769	1020.196	1020.434	1019.769	13.28	16.04	13.08	611.0394	2.199742
1019.582	1019.582	1019.769	1019.402	15.58	16.5	11.91	504.8482	1.817454
1020.618	1020.149	1020.74	1019.582	15.22	16.52	12.66	232.7757	0.837992
1020.707	1020.618	1020.774	1020.434	13.63	16.42	13.04	603.1644	2.171392
1022.159	1021.317	1022.159	1020.707	14.35	15.07	13.26	215.7308	0.776631
1021.587	1021.822	1022.241	1021.552	14.8	14.99	14.11	26.38377	0.094982
1021.583	1021.54	1021.638	1021.391	14.58	15.27	14.54	-2.85245	-0.01027
1021.768	1021.662	1021.775	1021.553	13.63	14.67	13.61	-3.65897	-0.01317
1021.574	1021.826	1021.913	1021.574	13.97	14.51	13.4	-3.07189	-0.01106
1021.392	1021.496	1021.574	1021.392	13.61	14.18	13.54	-3.37746	-0.01216
1021.353	1021.351	1021.392	1021.316	12.91	13.98	12.74	-3.46182	-0.01246
1021.381	1021.365	1021.413	1021.334	13.04	13.43	12.73	-3.28977	-0.01184
1021.104	1021.203	1021.404	1021.02	13.2	13.73	12.71	-3.35934	-0.01209
1021.28	1021.181	1021.28	1021.104	13.2	13.42	12.57	-2.50486	-0.00902
1021.215	1021.267	1021.322	1021.215	13	13.6	12.95	-1.93537	-0.00697
1021.505	1021.31	1021.505	1021.215	12.85	13.53	12.84	-2.00169	-0.00721
1021.643	1021.607	1021.662	1021.505	12.77	12.88	12.25	-1.43985	-0.00518
1022.082	1021.867	1022.082	1021.643	13.32	13.51	12.51	71.0975	0.255951
1022.14	1022.08	1022.163	1021.978	14.09	14.57	13.32	247.0232	0.889284
1022.19	1022.173	1022.216	1022.081	14.14	14.59	13.67	447.2078	1.609948
1022.244	1022.184	1022.273	1022.151	14.14	14.61	12.77	642.4921	2.312972

1022.466	1022.233	1022.504	1022.132	14.3	15.28	13.46	643.6685	2.317207
1021.593	1021.902	1022.466	1021.593	15.29	16.57	14.22	570.9453	2.055403
1021.144	1021.463	1021.706	1021.144	16.27	16.55	15.02	655.9548	2.361437
1020.29	1020.785	1021.144	1020.29	14.33	16.36	13.02	855.8939	3.081218
1019.567	1019.835	1020.29	1019.567	13.07	14.95	11.86	778.8568	2.803885
1018.982	1019.243	1019.567	1018.98	10.97	13.62	9.43	706.2893	2.542642
1018.742	1018.916	1019.057	1018.742	11.74	12.73	9.8	534.1437	1.922918
1018.464	1018.687	1018.81	1018.464	11.17	12.59	10.73	329.2044	1.185136
1018.42	1018.365	1018.464	1018.281	10.71	11.72	10.38	106.7515	0.384305
1018.752	1018.557	1018.752	1018.403	10.2	11.23	9.86	-3.91595	-0.0141
1019.357	1019.072	1019.357	1018.752	9.77	10.9	9.46	-4.64548	-0.01672
1019.543	1019.48	1019.582	1019.357	9.18	10.02	8.43	-4.34196	-0.01563
1019.509	1019.56	1019.637	1019.509	9.82	10.42	8.96	-4.20684	-0.01514
1019.487	1019.515	1019.551	1019.487	9.93	10.29	9.64	-3.98574	-0.01435
1019.254	1019.394	1019.487	1019.254	10.03	10.25	9.59	-3.72665	-0.01342
1018.921	1019.116	1019.254	1018.921	10.7	11.15	9.6	-4.21555	-0.01518
1019.021	1018.992	1019.051	1018.921	10.62	10.87	9.59	-4.30061	-0.01548
1018.618	1018.803	1019.021	1018.618	9.95	10.74	9.04	-4.04868	-0.01458
1018.779	1018.638	1018.779	1018.551	9.97	10.44	9.27	-4.00669	-0.01442
1018.925	1018.806	1018.925	1018.738	10.34	10.49	9.75	-3.0986	-0.01115
1019.287	1019.083	1019.287	1018.925	11.18	11.41	9.76	71.73166	0.258234
1019.195	1019.295	1019.356	1019.195	11.68	12.52	11.13	269.3218	0.969558
1019.2	1019.209	1019.35	1019.1	11.74	11.88	10.15	476.6837	1.716061
1019.31	1019.271	1019.373	1019.2	10.2	12.24	9.86	670.2277	2.41282
1019.141	1019.268	1019.372	1019.117	4.558	10.94	4.075	822.3471	2.960449
1019.031	1019.084	1019.172	1019.031	-1.833	4.784	-1.838	940.0098	3.384035
1018.561	1018.77	1019.031	1018.561	1.796	2.567	-2.346	982.8817	3.538374
1018.245	1018.523	1018.672	1018.245	3.595	4.353	-0.722	950.6866	3.422472
1017.827	1018.034	1018.303	1017.783	1.042	4.68	0.153	856.7418	3.08427
1017.413	1017.626	1017.827	1017.401	-2.654	2.246	-4.6	719.4958	2.590185
1017.274	1017.334	1017.417	1017.204	-3.113	-1.809	-5.218	523.8071	1.885705
1017.136	1017.247	1017.355	1017.102	-4.77	-2.31	-5.667	310.0942	1.116339
1017.318	1017.19	1017.318	1017.114	-2.778	-1.81	-5.532	110.0956	0.396344
1017.407	1017.339	1017.407	1017.277	-2.133	-0.876	-2.921	-5.44036	-0.01959
1017.97	1017.676	1017.97	1017.407	-1.793	-0.125	-2.642	-5.0195	-0.01807
1018.168	1018.124	1018.23	1017.97	-0.345	0.702	-2.486	-5.12336	-0.01844
1018.412	1018.295	1018.412	1018.168	0.852	1.476	-1.103	-4.72197	-0.017
1018.36	1018.362	1018.443	1018.291	2.133	2.785	0.263	-4.44786	-0.01601
1018.259	1018.334	1018.451	1018.179	1.718	2.368	0.535	-4.45449	-0.01604
1018.347	1018.289	1018.347	1018.175	2.33	3.539	1.054	-4.42705	-0.01594
1018.313	1018.298	1018.347	1018.265	2.836	2.989	1.922	-4.43528	-0.01597
1018.463	1018.378	1018.463	1018.313	4.017	4.353	2.308	-4.78559	-0.01723
1018.692	1018.528	1018.707	1018.422	3.286	4.44	2.947	-3.89634	-0.01403
1018.802	1018.699	1018.802	1018.649	3.264	4.613	2.844	-3.33096	-0.01199
1019.429	1019.141	1019.429	1018.802	4.568	4.947	3.205	57.85199	0.208267
1019.571	1019.473	1019.571	1019.395	4.027	5.03	3.667	270.2229	0.972803
1019.871	1019.681	1019.871	1019.544	5.158	5.492	3.875	476.7195	1.71619
1020.151	1020.02	1020.174	1019.869	6.246	6.926	5.08	672.3112	2.42032

1020.222	1020.255	1020.313	1020.151	4.136	7.375	3.655	826.4509	2.975223
1019.768	1020.064	1020.262	1019.768	0.792	5.115	-0.069	813.6174	2.929022
1019.756	1019.815	1019.887	1019.666	-0.071	2.602	-3.196	861.5219	3.101479
1019.527	1019.65	1019.756	1019.527	-1.885	0.547	-3.888	817.4968	2.942989
1019.386	1019.482	1019.552	1019.386	-1.078	0.51	-3.309	852.0558	3.067401
1019.282	1019.356	1019.419	1019.282	-2.536	-0.099	-2.786	425.4611	1.53166
1019.322	1019.366	1019.409	1019.282	-1.978	-0.705	-3.438	276.3697	0.994931
1019.347	1019.411	1019.478	1019.322	0.214	0.463	-3.023	124.2452	0.447283
1019.32	1019.274	1019.347	1019.233	1.037	2.354	-0.843	83.61663	0.30102
1019.731	1019.512	1019.731	1019.32	1.261	1.306	-0.963	-4.25929	-0.01533
1019.895	1019.88	1019.956	1019.731	0.005	1.378	-0.714	-4.79553	-0.01726
1020.189	1020.03	1020.229	1019.856	0.883	1.24	-0.477	-4.56955	-0.01645
1020.546	1020.414	1020.546	1020.189	1.152	2.069	-0.138	-4.59259	-0.01653
1020.712	1020.595	1020.72	1020.536	1.416	2.549	0.77	-3.73468	-0.01344
1020.767	1020.708	1020.767	1020.629	2.118	2.254	1.294	-3.79366	-0.01366
1020.771	1020.813	1020.898	1020.728	2.795	4.173	1.827	-4.50809	-0.01623
1020.578	1020.7	1020.796	1020.567	4.692	4.744	2.399	-3.91896	-0.01411
1020.966	1020.751	1020.976	1020.578	4.821	5.097	4.016	-3.62782	-0.01306
1020.98	1020.959	1021.027	1020.892	4.243	5.408	4.237	-3.66247	-0.01318
1021.378	1021.202	1021.378	1020.98	3.178	4.317	2.787	-3.1807	-0.01145
1021.821	1021.672	1021.873	1021.378	3.273	4.339	3.056	76.12653	0.274056
1022.042	1021.934	1022.06	1021.818	5.16	6.02	3.068	266.4571	0.959246
1022.151	1022.119	1022.187	1022.042	4.557	5.539	3.716	456.5237	1.643485
1022.103	1022.129	1022.185	1022.075	3.226	5.006	2.039	686.4092	2.471073
1021.856	1022.051	1022.17	1021.856	4.46	5.005	2.875	667.1321	2.401675
1021.317	1021.593	1021.856	1021.317	4.641	5.437	3.153	824.5573	2.968406
1020.952	1021.196	1021.317	1020.952	4.102	5.447	3.683	920.2478	3.312892
1020.719	1020.893	1021.031	1020.708	4.769	5.504	4.044	881.5144	3.173452
1020.176	1020.45	1020.719	1020.176	2.958	5.098	2.529	844.7303	3.041029
1019.835	1019.968	1020.176	1019.804	1.102	3.553	0.633	543.9529	1.95823
1019.482	1019.646	1019.835	1019.482	1.779	2.864	0.641	494.7253	1.781011
1019.57	1019.535	1019.591	1019.46	2.297	3.453	0.947	270.6868	0.974472
1019.81	1019.646	1019.81	1019.57	3.028	3.527	1.962	21.94172	0.07899
1020.105	1019.973	1020.105	1019.81	2.946	3.706	2.493	-5.08277	-0.0183
1020.657	1020.436	1020.657	1020.105	2.879	3.598	2.671	-5.41601	-0.0195
1021.056	1020.889	1021.056	1020.657	3.336	3.736	2.804	-4.65524	-0.01676
1021.652	1021.383	1021.652	1021.056	3.984	4.137	3.092	-4.32314	-0.01556
1021.877	1021.786	1021.92	1021.652	2.273	4.038	1.954	-4.02751	-0.0145
1021.834	1021.819	1021.919	1021.71	2.897	3.414	2.027	-4.13371	-0.01488
1021.553	1021.748	1021.834	1021.553	3.368	3.741	2.553	-4.22932	-0.01523
1021.527	1021.664	1021.749	1021.527	3.289	3.559	2.637	-3.68648	-0.01327
1021.498	1021.485	1021.57	1021.375	4.778	4.862	2.985	-4.22046	-0.01519
1021.769	1021.585	1021.77	1021.442	3.319	4.78	2.871	-3.58411	-0.0129
1021.894	1021.613	1021.894	1021.47	3.913	4.065	3.106	-3.38842	-0.0122
1022.582	1022.254	1022.582	1021.894	5.825	6.022	3.811	63.8808	0.229971
1022.766	1022.757	1022.846	1022.582	5.071	6.823	4.557	262.4893	0.944961
1022.839	1022.718	1022.839	1022.615	4.15	6.279	3.316	466.7054	1.68014
1022.832	1022.834	1022.883	1022.772	5.835	6.298	4.103	660.0599	2.376216

1022.382	1022.646	1022.832	1022.382	5.177	6.913	4.518	815.5035	2.935812
1021.941	1022.173	1022.382	1021.941	6.611	7.207	4.148	914.8482	3.293454
1021.289	1021.63	1021.941	1021.289	6.059	7.736	5.826	969.8773	3.491558
1020.881	1021.049	1021.289	1020.81	2.799	6.924	2.675	871.499	3.137396
1020.22	1020.582	1020.881	1020.22	3.961	4.378	2.217	837.716	3.015778
1019.667	1019.964	1020.22	1019.667	2.737	4.991	2.509	690.556	2.486002
1019.293	1019.484	1019.667	1019.293	3.274	4.064	2.582	482.6846	1.737665
1019.237	1019.261	1019.342	1019.189	2.887	4.152	2.842	244.7977	0.881272
1019.346	1019.257	1019.358	1019.188	3.462	3.856	2.825	67.13869	0.241699
1019.703	1019.429	1019.703	1019.325	3.222	3.571	2.879	-4.97837	-0.01792
1020.185	1019.965	1020.199	1019.703	3.724	3.797	3.147	-5.07409	-0.01827
1020.333	1020.292	1020.378	1020.185	3.948	4.326	3.608	-5.35202	-0.01927
1020.271	1020.277	1020.345	1020.222	4.227	4.578	3.698	-4.23488	-0.01525
1020.021	1020.108	1020.271	1020.003	4.741	5.035	4.142	-4.12661	-0.01486
1020.103	1020.068	1020.12	1020.021	5.405	5.508	4.758	-4.52012	-0.01627
1019.919	1019.936	1020.103	1019.82	5.23	5.561	5.034	-3.80411	-0.01369
1019.807	1019.89	1019.952	1019.798	5.48	5.819	5.109	-3.74946	-0.0135
1019.731	1019.8	1019.843	1019.731	6.043	6.278	5.431	-3.47683	-0.01252
1019.64	1019.686	1019.752	1019.6	5.464	6.182	5.41	-3.35106	-0.01206
1019.943	1019.702	1019.943	1019.573	6.496	6.687	5.473	-3.44571	-0.0124
1020.276	1020.121	1020.276	1019.943	6.575	6.777	5.914	57.2949	0.206262
1020.329	1020.371	1020.438	1020.276	7.318	7.772	6.467	248.3498	0.894059
1020.265	1020.315	1020.348	1020.265	7.306	7.991	6.598	450.1557	1.620561



SolarMJ_Av	ETos	Rsos	ETot	RSot	Comment
MJ/m^2	mm	MJ/m^2	mm	MJ/m^2	
Avg	ETXs	Rso	ETXs	Rso	
0.00271	0.011	2.762	0.032	2.732	Do not use
0.002306	0.511	2.131	0.741	2.131	Do not use
0.001922	0.639	1.557	0.853	1.557	
0.001252	0.461	0.753	0.665	0.753	
0.000345	0.212	0.084	0.392	0.084	
6.97E-05	0.087	0	0.131	0	
-1.79E-05	0.002	0	0.012	0	
-1.68E-05	-0.051	0	-0.077	0	
-1.50E-05	-0.033	0	-0.045	0	
-1.40E-05	-0.035	0	-0.05	0	
-1.15E-05	-0.035	0	-0.049	0	
-1.26E-05	-0.013	0	-0.013	0	
-1.12E-05	-0.038	0	-0.054	0	
-1.07E-05	-0.025	0	-0.033	0	
-1.27E-05	0.053	0.073	0.096	0.073	
2.61E-05	0.042	0.726	0.069	0.726	
0.000269	0.094	1.525	0.117	1.525	
0.00106	0.265	2.292	0.298	2.292	
0.001676	0.469	2.961	0.556	2.961	
0.002286	0.671	3.475	0.806	3.475	
0.002038	0.734	3.786	0.968	3.786	
0.002205	0.823	3.896	1.109	3.896	
0.001031	0.519	3.789	0.737	3.789	
0.000779	0.415	3.47	0.59	3.47	
0.000787	0.428	2.973	0.618	2.973	
0.001098	0.484	2.308	0.687	2.308	
0.001932	0.671	1.545	0.913	1.545	
0.001042	0.434	0.75	0.655	0.75	
0.000617	0.28	0.086	0.458	0.086	
8.09E-05	0.079	0	0.12	0	
-1.68E-05	-0.041	0	-0.058	0	
-1.22E-05	-0.052	0	-0.08	0	
-1.13E-05	-0.03	0	-0.04	0	
-1.28E-05	-0.045	0	-0.068	0	
-1.32E-05	-0.032	0	-0.044	0	
-1.27E-05	-0.021	0	-0.025	0	
-1.35E-05	-0.028	0	-0.038	0	
-1.11E-05	-0.005	0	-0.001	0	
-1.00E-05	0.018	0.072	0.033	0.072	
4.98E-05	0.055	0.723	0.088	0.723	
0.000548	0.17	1.518	0.217	1.518	
0.001052	0.335	2.284	0.431	2.284	
0.00166	0.482	2.943	0.587	2.943	
0.001889	0.591	3.451	0.74	3.451	

0.002961	0.874	3.779	1.087	3.779
0.00246	0.797	3.899	1.024	3.899
0.002413	0.781	3.79	0.999	3.79
0.000633	0.379	3.465	0.557	3.465
0.000896	0.424	2.957	0.602	2.957
0.00058	0.36	2.293	0.54	2.293
0.000375	0.241	1.522	0.365	1.522
0.00047	0.139	0.737	0.202	0.737
0.000169	0.024	0.087	0.07	0.087
0.000114	0.093	0	0.125	0
-9.92E-06	0.05	0	0.071	0
-1.10E-05	0.016	0	0.026	0
-9.22E-06	0.029	0	0.044	0
-5.66E-06	0.041	0	0.059	0
-5.35E-06	0.033	0	0.049	0
-5.25E-06	0.03	0	0.044	0
-5.39E-06	0.022	0	0.034	0
-5.39E-06	0.009	0	0.016	0
-5.63E-06	0.011	0.071	0.02	0.071
1.63E-05	0.034	0.699	0.056	0.699
7.75E-05	0.052	1.474	0.077	1.474
0.000209	0.093	2.22	0.129	2.22
0.000541	0.174	2.868	0.218	2.868
0.000335	0.118	3.366	0.153	3.366
0.000874	0.244	3.684	0.292	3.684
0.000463	0.135	3.788	0.164	3.788
0.000259	0.071	3.674	0.083	3.674
0.000781	0.2	3.361	0.216	3.361
0.001598	0.384	2.876	0.427	2.876
0.001308	0.335	2.242	0.406	2.242
0.001498	0.361	1.502	0.437	1.502
0.000861	0.212	0.734	0.28	0.734
0.000443	0.097	0.089	0.147	0.089
0.00012	0.014	0	0.023	0
-1.16E-05	-0.008	0	-0.007	0
-1.10E-05	-0.014	0	-0.016	0
-1.13E-05	-0.018	0	-0.022	0
-7.96E-06	-0.019	0	-0.023	0
-5.72E-06	-0.019	0	-0.024	0
-3.30E-06	-0.021	0	-0.027	0
-3.50E-06	-0.021	0	-0.027	0
-2.96E-06	-0.023	0	-0.03	0
-2.98E-06	0.001	0.071	0.003	0.071
1.94E-05	0.01	0.686	0.014	0.686
0.000167	0.04	1.454	0.046	1.454
0.000821	0.178	2.2	0.202	2.2
0.001809	0.443	2.9	0.541	2.9
0.002369	0.603	3.431	0.734	3.431

0.002803	0.73	3.753	0.878	3.753
0.003093	0.82	3.876	0.989	3.876
0.00321	0.872	3.781	1.066	3.781
0.003142	0.876	3.473	1.08	3.473
0.002888	0.825	2.974	1.031	2.974
0.002478	0.729	2.323	0.935	2.323
0.001931	0.594	1.565	0.791	1.565
0.001299	0.423	0.765	0.593	0.765
0.000685	0.245	0.092	0.382	0.092
0.000135	0.069	0	0.1	0
-1.56E-05	0.032	0	0.051	0
-1.75E-05	0.021	0	0.035	0
-1.75E-05	0.019	0	0.032	0
-1.66E-05	0.008	0	0.017	0
-1.57E-05	0.01	0	0.019	0
-1.49E-05	-0.007	0	-0.005	0
-1.43E-05	0.009	0	0.018	0
-1.44E-05	-0.011	0	-0.011	0
-1.31E-05	0.006	0.071	0.012	0.071
2.97E-05	0.024	0.716	0.037	0.716
0.000594	0.152	1.505	0.188	1.505
0.001192	0.316	2.269	0.395	2.269
0.001824	0.474	2.926	0.581	2.926
0.002387	0.627	3.436	0.757	3.436
0.002828	0.763	3.772	0.917	3.772
0.003132	0.879	3.913	1.069	3.913
0.003248	0.919	3.815	1.12	3.815
0.00318	0.887	3.503	1.059	3.503
0.002941	0.854	3	1.054	3
0.002529	0.749	2.346	0.944	2.346
0.001968	0.602	1.58	0.788	1.58
0.001329	0.426	0.777	0.591	0.777
0.000697	0.247	0.094	0.387	0.094
0.000134	0.085	0	0.124	0
-1.76E-05	-0.022	0	-0.027	0
-1.54E-05	-0.027	0	-0.036	0
-1.69E-05	-0.005	0	-0.001	0
-1.64E-05	0	0	0.007	0
-1.56E-05	-0.042	0	-0.064	0
-1.22E-05	-0.036	0	-0.053	0
-1.42E-05	-0.011	0	-0.011	0
-1.38E-05	-0.005	0	-0.002	0
-1.33E-05	0.024	0.07	0.043	0.07
2.71E-05	0.038	0.72	0.063	0.72
0.000612	0.152	1.52	0.19	1.52
0.001214	0.293	2.291	0.349	2.291
0.00184	0.444	2.964	0.494	2.964
0.002424	0.617	3.479	0.689	3.479

0.002904	0.747	3.838	0.836	3.838
0.003205	0.835	3.979	0.945	3.979
0.003302	0.869	3.867	0.981	3.867
0.003216	0.858	3.538	0.975	3.538
0.002961	0.816	3.03	0.955	3.03
0.002544	0.722	2.37	0.876	2.37
0.001967	0.525	1.598	0.635	1.598
0.001335	0.402	0.789	0.548	0.789
0.000713	0.203	0.097	0.317	0.097
0.000138	0.063	0	0.102	0
-2.27E-05	0.022	0	0.043	0
-1.85E-05	-0.014	0	-0.012	0
-1.82E-05	0.01	0	0.022	0
-1.82E-05	0.012	0	0.026	0
-1.77E-05	-0.017	0	-0.019	0
-1.53E-05	-0.014	0	-0.015	0
-1.59E-05	-0.016	0	-0.018	0
-1.50E-05	-0.015	0	-0.016	0
-1.33E-05	0.037	0.069	0.067	0.069
2.33E-05	0.062	0.723	0.106	0.723
0.000617	0.173	1.527	0.226	1.527
0.001214	0.334	2.297	0.419	2.297
0.00185	0.527	2.967	0.652	2.967
0.002418	0.672	3.487	0.788	3.487
0.00288	0.795	3.826	0.915	3.826
0.003183	0.875	3.949	1.001	3.949
0.003306	0.916	3.849	1.054	3.849
0.003238	0.933	3.532	1.104	3.532
0.00298	0.854	3.025	1.012	3.025
0.00253	0.697	2.359	0.818	2.359
0.001955	0.562	1.589	0.699	1.589
0.001315	0.337	0.787	0.429	0.787
0.000701	0.234	0.098	0.374	0.098
0.000138	0.067	0	0.11	0
-2.16E-05	0.044	0	0.075	0
-2.05E-05	0.028	0	0.051	0
-2.00E-05	0.016	0	0.032	0
-1.82E-05	-0.003	0	0.003	0
-1.72E-05	0.002	0	0.011	0
-1.78E-05	0.002	0	0.01	0
-1.54E-05	-0.018	0	-0.021	0
-1.49E-05	-0.017	0	-0.02	0
-1.34E-05	0.037	0.068	0.066	0.068
2.24E-05	0.034	0.719	0.055	0.719
0.000607	0.159	1.514	0.195	1.514
0.001202	0.313	2.29	0.374	2.29
0.001826	0.461	2.963	0.511	2.963
0.00241	0.645	3.485	0.728	3.485

0.002877	0.79	3.828	0.899	3.828
0.00318	0.895	3.951	1.034	3.951
0.003312	0.969	3.854	1.15	3.854
0.003222	0.937	3.536	1.108	3.536
0.002964	0.906	3.027	1.112	3.027
0.002526	0.801	2.358	1.015	2.358
0.001976	0.669	1.593	0.896	1.593
0.001332	0.491	0.789	0.705	0.789
0.000703	0.341	0.099	0.561	0.099
0.00014	0.119	0	0.176	0
-2.11E-05	0.016	0	0.034	0
-2.07E-05	0.004	0	0.015	0
-1.92E-05	0.03	0	0.053	0
-1.96E-05	-0.002	0	0.005	0
-1.64E-05	-0.02	0	-0.023	0
-1.88E-05	-0.016	0	-0.017	0
-1.49E-05	-0.033	0	-0.046	0
-1.49E-05	-0.04	0	-0.059	0
-1.35E-05	0.023	0.067	0.042	0.067
2.28E-05	0.026	0.713	0.041	0.713
0.0006	0.136	1.507	0.152	1.507
0.001197	0.296	2.28	0.338	2.28
0.00186	0.521	2.958	0.626	2.958
0.002451	0.695	3.484	0.828	3.484
0.002915	0.788	3.832	0.891	3.832
0.003217	0.93	3.973	1.105	3.973
0.003329	0.973	3.871	1.162	3.871
0.003258	0.964	3.558	1.16	3.558
0.002995	0.883	3.046	1.066	3.046
0.002564	0.771	2.381	0.958	2.381
0.001998	0.616	1.611	0.797	1.611
0.001347	0.438	0.8	0.612	0.8
0.000716	0.248	0.101	0.401	0.101
0.000141	0.084	0	0.134	0
-2.31E-05	0.055	0	0.092	0
-2.15E-05	-0.022	0	-0.025	0
-1.99E-05	-0.005	0	0.001	0
-1.89E-05	-0.044	0	-0.064	0
-1.40E-05	-0.038	0	-0.053	0
-1.83E-05	-0.036	0	-0.049	0
-1.56E-05	-0.042	0	-0.061	0
-1.20E-05	-0.043	0	-0.065	0
-1.34E-05	0.009	0.066	0.018	0.066
2.17E-05	0.049	0.717	0.082	0.717
0.000601	0.144	1.523	0.169	1.523
0.001202	0.327	2.297	0.399	2.297
0.001847	0.559	2.959	0.711	2.959
0.002417	0.709	3.476	0.871	3.476

0.002856	0.813	3.817	0.956	3.817
0.003157	0.972	3.95	1.206	3.95
0.003287	1.039	3.843	1.314	3.843
0.003203	1.034	3.526	1.326	3.526
0.002937	0.937	3.018	1.194	3.018
0.002519	0.85	2.359	1.125	2.359
0.001969	0.687	1.597	0.939	1.597
0.001327	0.514	0.791	0.75	0.791
0.000693	0.31	0.101	0.501	0.101
0.000125	0.124	0	0.178	0
-1.89E-05	0.004	0	0.015	0
-1.75E-05	-0.033	0	-0.046	0
-1.46E-05	-0.02	0	-0.023	0
-1.59E-05	-0.016	0	-0.017	0
-1.39E-05	-0.035	0	-0.051	0
-1.46E-05	-0.016	0	-0.019	0
-1.33E-05	-0.043	0	-0.066	0
-1.23E-05	-0.041	0	-0.063	0
-1.28E-05	0.006	0.065	0.012	0.065
2.52E-05	0.018	0.692	0.026	0.692
0.000558	0.135	1.478	0.157	1.478
0.001163	0.301	2.239	0.355	2.239
0.001798	0.491	2.907	0.586	2.907
0.002365	0.657	3.437	0.78	3.437
0.002806	0.786	3.78	0.923	3.78
0.003133	0.909	3.945	1.095	3.945
0.003258	0.928	3.843	1.099	3.843
0.003189	0.924	3.527	1.107	3.527
0.002926	0.859	3.017	1.044	3.017
0.002493	0.762	2.354	0.959	2.354
0.001939	0.633	1.59	0.84	1.59
0.001308	0.452	0.792	0.64	0.792
0.000683	0.29	0.102	0.469	0.102
0.000131	0.11	0	0.16	0
-1.89E-05	0.011	0	0.025	0
-1.76E-05	0.004	0	0.014	0
-1.70E-05	0.005	0	0.016	0
-1.68E-05	0.004	0	0.014	0
-1.53E-05	-0.037	0	-0.053	0
-1.36E-05	-0.036	0	-0.051	0
-1.31E-05	-0.024	0	-0.031	0
-1.33E-05	-0.013	0	-0.014	0
-1.29E-05	0.042	0.064	0.075	0.064
2.66E-05	0.031	0.698	0.049	0.698
0.000556	0.146	1.493	0.178	1.493
0.001141	0.279	2.259	0.314	2.259
0.001776	0.471	2.928	0.543	2.928
0.002353	0.647	3.45	0.755	3.45

0.002803	0.758	3.786	0.856	3.786
0.003103	0.853	3.908	0.971	3.908
0.003228	0.881	3.816	0.994	3.816
0.003149	0.872	3.502	0.993	3.502
0.00293	0.856	3	1.019	3
0.002359	0.706	2.346	0.871	2.346
0.001922	0.589	1.586	0.754	1.586
0.001273	0.481	0.789	0.696	0.789
0.000619	0.289	0.103	0.479	0.103
0.000124	0.108	0	0.161	0
-1.94E-05	0.005	0	0.017	0
-1.81E-05	0.001	0	0.011	0
-1.79E-05	0.006	0	0.017	0
-1.62E-05	0.011	0	0.025	0
-1.68E-05	-0.018	0	-0.021	0
-1.44E-05	-0.01	0	-0.007	0
-1.50E-05	-0.04	0	-0.059	0
-1.34E-05	-0.028	0	-0.038	0
-1.18E-05	0.024	0.062	0.044	0.062
2.32E-05	0.019	0.695	0.029	0.695
0.000539	0.159	1.492	0.204	1.492
0.001131	0.28	2.26	0.318	2.26
0.001761	0.481	2.932	0.565	2.932
0.002338	0.666	3.456	0.792	3.456
0.002796	0.799	3.797	0.94	3.797
0.003097	0.873	3.923	1.009	3.923
0.003228	0.954	3.826	1.142	3.826
0.003167	0.964	3.518	1.175	3.518
0.002912	0.891	3.014	1.096	3.014
0.002502	0.756	2.356	0.935	2.356
0.001944	0.59	1.598	0.753	1.598
0.001332	0.406	0.801	0.552	0.801
0.000714	0.309	0.105	0.503	0.105
0.000142	0.093	0	0.143	0
-2.11E-05	0.008	0	0.023	0
-1.93E-05	-0.001	0	0.008	0
-1.85E-05	-0.05	0	-0.074	0
-1.41E-05	-0.045	0	-0.066	0
-1.59E-05	-0.056	0	-0.086	0
-1.53E-05	-0.037	0	-0.052	0
-1.59E-05	-0.033	0	-0.046	0
-1.34E-05	-0.041	0	-0.061	0
-1.51E-05	0.04	0.061	0.071	0.061
1.81E-05	0.044	0.701	0.073	0.701
0.00059	0.153	1.505	0.192	1.505
0.001206	0.314	2.282	0.382	2.282
0.001853	0.483	2.962	0.559	2.962
0.002459	0.707	3.496	0.857	3.496

0.002917	0.83	3.844	0.989	3.844
0.003225	0.947	3.974	1.147	3.974
0.003349	1	3.885	1.22	3.885
0.003289	1.025	3.572	1.285	3.572
0.00303	0.943	3.064	1.188	3.064
0.002608	0.826	2.401	1.063	2.401
0.002028	0.663	1.623	0.884	1.623
0.001385	0.484	0.813	0.692	0.813
0.000744	0.305	0.106	0.497	0.106
0.000152	0.092	0	0.141	0
-2.12E-05	-0.025	0	-0.03	0
-2.04E-05	-0.015	0	-0.013	0
-1.92E-05	-0.008	0	-0.003	0
-1.83E-05	-0.028	0	-0.036	0
-1.55E-05	-0.032	0	-0.043	0
-1.48E-05	-0.032	0	-0.043	0
-1.47E-05	-0.032	0	-0.043	0
-1.42E-05	-0.046	0	-0.07	0
-1.17E-05	0.023	0.06	0.042	0.06
1.64E-05	0.04	0.701	0.067	0.701
0.000595	0.159	1.508	0.201	1.508
0.0012	0.328	2.282	0.405	2.282
0.001848	0.545	2.954	0.689	2.954
0.002421	0.724	3.472	0.9	3.472
0.002868	0.873	3.827	1.079	3.827
0.003189	0.957	3.958	1.174	3.958
0.003339	1.011	3.864	1.249	3.864
0.00326	1.021	3.553	1.29	3.553
0.002986	0.951	3.038	1.214	3.038
0.00257	0.847	2.385	1.113	2.385
0.002004	0.709	1.614	0.977	1.614
0.001051	0.433	0.806	0.662	0.806
0.000734	0.31	0.106	0.501	0.106
0.000151	0.119	0	0.173	0
-1.85E-05	0.008	0	0.021	0
-1.62E-05	-0.059	0	-0.091	0
-1.55E-05	-0.029	0	-0.038	0
-1.49E-05	-0.001	0	0.006	0
-1.47E-05	-0.002	0	0.004	0
-1.51E-05	-0.011	0	-0.011	0
-1.41E-05	-0.036	0	-0.051	0
-1.23E-05	-0.029	0	-0.04	0
-1.52E-05	0.063	0.058	0.113	0.058
2.01E-05	0.037	0.678	0.061	0.678
0.000548	0.159	1.47	0.202	1.47
0.001158	0.361	2.235	0.476	2.235
0.001797	0.547	2.91	0.707	2.91
0.002365	0.709	3.435	0.901	3.435



0.00282	0.819	3.78	1.009	3.78
0.003132	0.913	3.921	1.122	3.921
0.003276	0.956	3.852	1.177	3.852
0.003204	0.929	3.54	1.138	3.54
0.002962	0.87	3.028	1.072	3.028
0.002527	0.776	2.372	0.995	2.372
0.00197	0.617	1.606	0.814	1.606
0.001326	0.431	0.801	0.602	0.801
0.000706	0.283	0.105	0.453	0.105
0.000142	0.103	0	0.149	0
-1.85E-05	-0.032	0	-0.043	0
-1.58E-05	-0.045	0	-0.066	0
-1.50E-05	-0.028	0	-0.037	0
-1.41E-05	-0.046	0	-0.069	0
-1.40E-05	-0.043	0	-0.064	0
-1.16E-05	-0.041	0	-0.061	0
-1.23E-05	-0.03	0	-0.042	0
-1.34E-05	-0.015	0	-0.018	0
-1.20E-05	0.027	0.057	0.048	0.057
2.13E-05	0.02	0.678	0.031	0.678
0.000542	0.127	1.475	0.144	1.475
0.001149	0.308	2.236	0.378	2.236
0.001785	0.486	2.896	0.592	2.896
0.002357	0.629	3.435	0.735	3.435
0.002805	0.752	3.788	0.864	3.788
0.003108	0.836	3.919	0.954	3.919
0.003231	0.869	3.83	0.995	3.83
0.003158	0.855	3.522	0.979	3.522
0.002904	0.792	3.022	0.917	3.022
0.002483	0.696	2.365	0.834	2.365
0.001926	0.546	1.6	0.678	1.6
0.001298	0.421	0.796	0.583	0.796
0.000678	0.253	0.105	0.403	0.105
0.000127	0.094	0	0.14	0
-1.90E-05	0.02	0	0.038	0
-1.76E-05	-0.003	0	0.004	0
-1.73E-05	-0.006	0	0	0
-1.71E-05	-0.033	0	-0.046	0
-1.39E-05	-0.009	0	-0.007	0
-1.38E-05	-0.039	0	-0.057	0
-1.24E-05	-0.016	0	-0.019	0
-1.33E-05	-0.037	0	-0.053	0
-1.09E-05	0.007	0.055	0.014	0.055
2.03E-05	0.043	0.677	0.073	0.677
0.000538	0.15	1.476	0.188	1.476
0.001131	0.291	2.252	0.345	2.252
0.001748	0.445	2.933	0.501	2.933
0.002323	0.625	3.464	0.72	3.464

0.002785	0.771	3.8	0.895	3.8
0.003095	0.864	3.927	1.006	3.927
0.00322	0.885	3.835	1.013	3.835
0.00317	0.899	3.53	1.056	3.53
0.002911	0.817	3.026	0.956	3.026
0.002491	0.713	2.365	0.856	2.365
0.00208	0.644	1.599	0.825	1.599
0.001314	0.505	0.798	0.734	0.798
0.000683	0.326	0.105	0.533	0.105
0.00013	0.126	0	0.182	0
-1.96E-05	0.018	0	0.037	0
-1.79E-05	0.005	0	0.017	0
-1.87E-05	-0.019	0	-0.021	0
-1.57E-05	-0.046	0	-0.068	0
-1.50E-05	-0.024	0	-0.031	0
-1.40E-05	-0.047	0	-0.072	0
-1.13E-05	-0.051	0	-0.081	0
-1.11E-05	-0.046	0	-0.071	0
-1.18E-05	0.005	0.054	0.01	0.054
2.20E-05	0.029	0.668	0.046	0.668
0.000515	0.135	1.465	0.165	1.465
0.001105	0.282	2.237	0.331	2.237
0.001733	0.491	2.923	0.599	2.923
0.002307	0.65	3.447	0.779	3.447
0.002768	0.772	3.784	0.9	3.784
0.003072	0.857	3.92	0.988	3.92
0.003209	0.924	3.83	1.094	3.83
0.003152	0.953	3.524	1.166	3.524
0.0026	0.784	3.023	0.968	3.023
0.0025	0.782	2.369	0.991	2.369
0.001956	0.648	1.607	0.865	1.607
0.001322	0.504	0.802	0.733	0.802
0.000698	0.315	0.105	0.515	0.105
0.000135	0.101	0	0.151	0
-1.96E-05	-0.026	0	-0.032	0
-1.76E-05	-0.039	0	-0.055	0
-1.61E-05	-0.04	0	-0.057	0
-1.69E-05	-0.045	0	-0.065	0
-1.49E-05	-0.008	0	-0.005	0
-1.49E-05	-0.023	0	-0.03	0
-1.53E-05	0.002	0	0.01	0
-1.45E-05	-0.008	0	-0.005	0
-1.51E-05	0.012	0.052	0.024	0.052
1.58E-05	0.024	0.673	0.039	0.673
0.000539	0.127	1.478	0.147	1.478
0.00115	0.328	2.261	0.412	2.261
0.001784	0.541	2.945	0.695	2.945
0.002353	0.71	3.464	0.896	3.464

0.002805	0.855	3.795	1.068	3.795
0.003107	0.949	3.924	1.182	3.924
0.003249	0.994	3.841	1.243	3.841
0.003185	0.974	3.531	1.217	3.531
0.002946	0.905	3.034	1.138	3.034
0.002546	0.803	2.383	1.035	2.383
0.001982	0.629	1.614	0.83	1.614
0.00134	0.457	0.806	0.647	0.806
0.000712	0.25	0.105	0.398	0.105
0.000138	0.069	0	0.108	0
-2.01E-05	-0.008	0	-0.004	0
-1.73E-05	-0.013	0	-0.012	0
-1.68E-05	-0.004	0	0.002	0
-1.69E-05	0.006	0	0.017	0
-1.65E-05	-0.007	0	-0.004	0
-1.53E-05	-0.029	0	-0.039	0
-1.25E-05	-0.043	0	-0.065	0
-1.30E-05	-0.034	0	-0.047	0
-1.43E-05	0.012	0.051	0.023	0.051
1.73E-05	0.016	0.658	0.025	0.658
0.000522	0.125	1.456	0.145	1.456
0.001122	0.312	2.217	0.384	2.217
0.001741	0.509	2.89	0.638	2.89
0.002297	0.674	3.431	0.833	3.431
0.002754	0.804	3.771	0.98	3.771
0.00314	0.923	3.902	1.121	3.902
0.003229	0.955	3.805	1.16	3.805
0.003128	0.941	3.496	1.154	3.496
0.002923	0.887	2.995	1.096	2.995
0.002421	0.749	2.337	0.943	2.337
0.001521	0.487	1.578	0.651	1.578
0.001182	0.384	0.785	0.533	0.785
0.000833	0.272	0.102	0.4	0.102
9.45E-05	0.041	0	0.069	0
-1.54E-05	-0.047	0	-0.071	0
-1.51E-05	-0.017	0	-0.019	0
-1.42E-05	-0.026	0	-0.034	0
-1.32E-05	-0.025	0	-0.032	0
-1.42E-05	-0.051	0	-0.079	0
-1.23E-05	-0.037	0	-0.053	0
-1.28E-05	-0.004	0	0.001	0
-1.25E-05	-0.013	0	-0.014	0
-1.19E-05	0.026	0.049	0.047	0.049
1.56E-05	0.044	0.647	0.075	0.647
0.000358	0.129	1.441	0.169	1.441
0.001096	0.29	2.21	0.345	2.21
0.001699	0.445	2.882	0.503	2.882
0.00227	0.612	3.404	0.684	3.404

0.002745	0.782	3.745	0.906	3.745
0.003139	0.916	3.878	1.077	3.878
0.002464	0.731	3.786	0.854	3.786
0.002697	0.79	3.48	0.932	3.48
0.002534	0.721	2.981	0.847	2.981
0.00248	0.693	2.332	0.805	2.332
0.001706	0.474	1.578	0.58	1.578
0.001297	0.37	0.784	0.481	0.784
0.00067	0.229	0.101	0.358	0.101
0.000129	0.098	0	0.151	0
-1.71E-05	0.045	0	0.077	0
-1.66E-05	0.036	0	0.063	0
-1.77E-05	-0.001	0	0.008	0
-1.51E-05	-0.021	0	-0.025	0
-1.51E-05	-0.045	0	-0.068	0
-1.20E-05	-0.03	0	-0.041	0
-1.36E-05	-0.023	0	-0.029	0
-1.25E-05	-0.015	0	-0.016	0
-1.16E-05	0.027	0.048	0.049	0.048
2.15E-05	0.044	0.641	0.072	0.641
0.000484	0.152	1.433	0.195	1.433
0.001079	0.296	2.194	0.352	2.194
0.001665	0.473	2.849	0.555	2.849
0.002261	0.641	3.367	0.744	3.367
0.002665	0.764	3.704	0.883	3.704
0.002975	0.859	3.84	0.995	3.84
0.003239	0.944	3.751	1.099	3.751
0.002191	0.682	3.446	0.819	3.446
0.001093	0.474	2.93	0.655	2.93
0.000945	0.357	2.298	0.471	2.298
0.000502	0.199	1.552	0.264	1.552
0.000336	0.161	0.762	0.243	0.762
0.000133	0.011	0.099	0.058	0.099
2.67E-05	0.027	0	0.045	0
-1.01E-05	0.013	0	0.023	0
-1.44E-05	0.023	0	0.039	0
-1.28E-05	0.017	0	0.028	0
-1.18E-05	0.01	0	0.018	0
-1.14E-05	-0.004	0	-0.006	0
-1.02E-05	0.004	0	0.008	0
-1.06E-05	-0.002	0	-0.001	0
-9.57E-06	-0.007	0	-0.011	0
-9.23E-06	0.001	0.046	0.003	0.046
2.04E-05	0.008	0.614	0.01	0.614
0.000415	0.114	1.39	0.134	1.39
0.001018	0.257	2.145	0.284	2.145
0.001642	0.454	2.809	0.524	2.809
0.002209	0.647	3.344	0.771	3.344

0.002672	0.775	3.695	0.905	3.695
0.00304	0.873	3.833	1.007	3.833
0.001888	0.592	3.742	0.703	3.742
0.001718	0.579	3.436	0.722	3.436
0.001581	0.504	2.949	0.615	2.949
0.000107	0.105	2.249	0.165	2.249
6.54E-05	0.039	1.508	0.056	1.508
0.000209	0.06	0.739	0.072	0.739
0.000107	-0.026	0.096	-0.02	0.096
1.35E-06	0.014	0	0.022	0
-1.20E-05	0.023	0	0.035	0
-5.15E-06	0.038	0	0.057	0
-6.16E-06	0.023	0	0.037	0
-7.27E-06	0.01	0	0.016	0
-1.02E-05	0.009	0	0.016	0
-1.01E-05	0.006	0	0.009	0
-8.72E-06	0.005	0	0.009	0
-7.63E-06	0.004	0	0.007	0
-9.72E-06	0.011	0.045	0.02	0.045
1.82E-05	0.016	0.602	0.025	0.602
0.000286	0.086	1.372	0.101	1.372
0.001028	0.255	2.117	0.288	2.117
0.001808	0.463	2.778	0.514	2.778
0.002285	0.614	3.322	0.684	3.322
0.002253	0.645	3.675	0.736	3.675
0.002401	0.699	3.807	0.803	3.807
0.002291	0.681	3.727	0.791	3.727
0.002683	0.8	3.426	0.955	3.426
0.002477	0.777	2.929	0.977	2.929
0.001076	0.465	2.289	0.651	2.289
0.00023	0.163	1.533	0.243	1.533
0.000341	0.174	0.753	0.267	0.753
0.00026	0.059	0.096	0.114	0.096
5.18E-05	0.073	0	0.109	0
-8.23E-06	0.036	0	0.058	0
-9.40E-06	0.064	0	0.09	0
-7.86E-06	0.06	0	0.084	0
-1.03E-05	0.079	0	0.107	0
-2.03E-05	0.033	0	0.05	0
-1.63E-05	0.041	0	0.062	0
-5.42E-06	0.03	0	0.045	0
-5.81E-06	0.017	0	0.027	0
-7.04E-06	0.016	0.043	0.029	0.043
5.73E-05	0.034	0.593	0.048	0.593
0.000516	0.141	1.363	0.168	1.363
0.000876	0.232	2.117	0.26	2.117
0.001667	0.452	2.793	0.522	2.793
0.00136	0.406	3.313	0.48	3.313

0.001119	0.352	3.66	0.415	3.66
0.001577	0.465	3.796	0.537	3.796
0.002927	0.813	3.712	0.926	3.712
0.002756	0.772	3.416	0.885	3.416
0.001796	0.603	2.933	0.774	2.933
0.002081	0.667	2.296	0.871	2.296
0.002004	0.596	1.547	0.742	1.547
0.001372	0.405	0.756	0.52	0.756
0.000324	0.146	0.095	0.255	0.095
2.75E-06	0.025	0	0.035	0
-1.37E-06	-0.015	0	-0.018	0
-3.18E-06	-0.018	0	-0.023	0
-5.25E-06	-0.027	0	-0.039	0
-8.63E-06	-0.031	0	-0.046	0
-9.23E-06	-0.03	0	-0.045	0
-8.20E-06	-0.029	0	-0.042	0
-7.36E-06	-0.027	0	-0.039	0
-9.74E-06	-0.029	0	-0.043	0
-8.82E-06	0.002	0.042	0.005	0.042
1.13E-05	0.005	0.585	0.006	0.585
0.000386	0.092	1.348	0.101	1.348
0.001025	0.241	2.095	0.262	2.095
0.00162	0.407	2.757	0.448	2.757
0.002186	0.565	3.289	0.642	3.289
0.002641	0.695	3.632	0.779	3.632
0.002982	0.791	3.772	0.89	3.772
0.002924	0.785	3.7	0.879	3.7
0.000759	0.279	3.39	0.352	3.39
0.000583	0.197	2.888	0.238	2.888
0.00033	0.14	2.256	0.186	2.256
0.000272	0.108	1.507	0.142	1.507
0.000333	0.078	0.738	0.096	0.738
0.000625	0.126	0.093	0.158	0.093
3.06E-05	0.02	0	0.032	0
-1.04E-05	0.002	0	0.004	0
-6.02E-06	0.009	0	0.014	0
-6.98E-06	0.012	0	0.018	0
-5.47E-06	0.008	0	0.013	0
-7.50E-06	0.001	0	0.002	0
-5.57E-06	0.002	0	0.003	0
-7.03E-06	0.003	0	0.004	0
-5.31E-06	0.003	0	0.005	0
-4.47E-06	0.003	0.04	0.005	0.04
2.00E-05	0.008	0.576	0.01	0.576
0.000222	0.061	1.338	0.067	1.338
0.000998	0.243	2.089	0.264	2.089
0.001628	0.414	2.759	0.453	2.759
0.001914	0.504	3.286	0.558	3.286

0.002879	0.758	3.631	0.846	3.631
0.002443	0.671	3.768	0.764	3.768
0.002079	0.598	3.683	0.695	3.683
0.001476	0.447	3.398	0.531	3.398
0.001927	0.551	2.899	0.656	2.899
0.002143	0.62	2.257	0.765	2.257
0.001627	0.464	1.513	0.575	1.513
0.000447	0.179	0.739	0.268	0.739
0.000138	0.061	0.091	0.13	0.091
5.72E-05	0.008	0	0.015	0
-7.18E-06	0.01	0	0.018	0
-8.79E-06	0.008	0	0.014	0
-9.56E-06	-0.003	0	-0.001	0
-8.93E-06	-0.015	0	-0.018	0
-5.96E-06	-0.007	0	-0.007	0
-5.32E-06	-0.01	0	-0.011	0
-5.90E-06	-0.025	0	-0.034	0
-6.30E-06	-0.031	0	-0.046	0
-3.73E-06	-0.033	0.039	-0.05	0.039
3.71E-06	0.004	0.573	0.005	0.573
0.000116	0.04	1.336	0.049	1.336
0.000417	0.123	2.088	0.145	2.088
0.00057	0.172	2.757	0.204	2.757
0.000884	0.256	3.281	0.304	3.281
0.001923	0.496	3.622	0.567	3.622
0.003181	0.819	3.765	0.924	3.765
0.002633	0.709	3.686	0.808	3.686
0.000168	0.1	3.365	0.149	3.365
0.000639	0.17	2.866	0.191	2.866
0.001113	0.275	2.232	0.311	2.232
0.001185	0.278	1.5	0.325	1.5
0.000833	0.186	0.731	0.229	0.731
0.000329	0.05	0.089	0.076	0.089
8.26E-05	-0.005	0	-0.005	0
-9.53E-06	-0.027	0	-0.04	0
-7.55E-06	-0.025	0	-0.036	0
-5.50E-06	-0.027	0	-0.039	0
-9.67E-06	-0.032	0	-0.051	0
-7.82E-06	-0.032	0	-0.05	0
-7.35E-06	-0.031	0	-0.047	0
-6.62E-06	-0.03	0	-0.045	0
-7.73E-06	-0.031	0	-0.047	0
-8.66E-06	-0.025	0.037	-0.036	0.037
2.22E-05	0.009	0.566	0.011	0.566
0.000385	0.093	1.33	0.103	1.33
0.001	0.238	2.077	0.259	2.077
0.001651	0.414	2.748	0.45	2.748
0.002312	0.593	3.279	0.654	3.279

0.002663	0.7	3.63	0.771	3.63
0.002526	0.689	3.76	0.77	3.76
0.002062	0.589	3.672	0.678	3.672
0.001543	0.464	3.365	0.548	3.365
0.000759	0.26	2.861	0.33	2.861
0.000395	0.156	2.227	0.206	2.227
0.000159	0.067	1.493	0.087	1.493
6.82E-05	0.029	0.726	0.037	0.726
6.56E-05	-0.033	0.087	-0.028	0.087
2.68E-05	0.014	0	0.022	0
-7.45E-06	0.002	0	0.003	0
-8.07E-06	0.002	0	0.003	0
-4.88E-06	0.003	0	0.004	0
-4.77E-06	0.002	0	0.004	0
-5.07E-06	0.003	0	0.005	0
-8.28E-06	0.002	0	0.004	0
-5.77E-06	0.001	0	0.002	0
-5.96E-06	0.002	0	0.003	0
-6.06E-06	0.002	0.036	0.004	0.036
1.04E-05	0.008	0.557	0.012	0.557
0.000141	0.042	1.317	0.048	1.317
0.000486	0.135	2.068	0.148	2.068
0.000573	0.165	2.726	0.185	2.726
0.001066	0.296	3.257	0.33	3.257
0.002014	0.545	3.602	0.6	3.602
0.003047	0.824	3.752	0.921	3.752
0.000462	0.176	3.647	0.227	3.647
0.000434	0.141	3.346	0.175	3.346
7.93E-05	0.027	2.861	0.033	2.861
6.84E-05	0.023	2.221	0.027	2.221
0.000104	0.031	1.486	0.036	1.486
0.000106	0.032	0.719	0.037	0.719
7.16E-05	-0.038	0.084	-0.037	0.084
1.55E-05	0.004	0	0.007	0
-5.98E-06	0.002	0	0.003	0
-4.45E-06	0.001	0	0.002	0
-4.42E-06	0.002	0	0.004	0
-4.37E-06	0.003	0	0.005	0
-3.94E-06	0.002	0	0.003	0
-5.70E-06	0.001	0	0.001	0
-5.48E-06	0.002	0	0.003	0
-5.36E-06	0.002	0	0.003	0
-1.41E-05	0.003	0.034	0.006	0.034
1.88E-05	0.012	0.551	0.017	0.551
0.000424	0.1	1.312	0.109	1.312
0.000964	0.231	2.06	0.252	2.06
0.000969	0.25	2.721	0.274	2.721
0.001542	0.405	3.246	0.448	3.246



0.002085	0.552	3.593	0.599	3.593
0.002984	0.798	3.728	0.881	3.728
0.002204	0.628	3.646	0.727	3.646
0.000244	0.105	3.35	0.14	3.35
9.25E-05	0.063	2.866	0.095	2.866
0.000123	0.037	2.218	0.043	2.218
0.000143	0.043	1.48	0.05	1.48
0.000106	0.036	0.717	0.044	0.717
6.18E-05	-0.032	0.082	-0.031	0.082
1.10E-05	0.003	0	0.004	0
-3.54E-06	0.002	0	0.003	0
-5.23E-06	0.003	0	0.005	0
-4.45E-06	0.001	0	0.002	0
-3.50E-06	0.001	0	0.002	0
-3.34E-06	0.001	0	0.002	0
-2.88E-06	0.001	0	0.002	0
-3.20E-06	0	0	0.001	0
-2.65E-06	0.001	0	0.001	0
-3.86E-06	0	0.033	0.001	0.033
2.23E-05	0.008	0.542	0.009	0.542
0.000212	0.056	1.303	0.06	1.303
0.000678	0.166	2.051	0.178	2.051
0.001548	0.378	2.713	0.409	2.713
0.002018	0.519	3.246	0.573	3.246
0.002667	0.706	3.595	0.773	3.595
0.001966	0.538	3.736	0.588	3.736
0.001805	0.515	3.65	0.579	3.65
0.000708	0.242	3.353	0.289	3.353
0.000852	0.294	2.86	0.371	2.86
0.000812	0.247	2.217	0.295	2.217
0.000557	0.175	1.479	0.216	1.479
0.000394	0.109	0.712	0.145	0.712
0.000303	0.062	0.08	0.103	0.08
3.71E-05	0.023	0	0.037	0
-9.57E-06	0.015	0	0.025	0
-9.09E-06	0.001	0	0.004	0
-6.34E-06	0.003	0	0.006	0
-6.35E-06	-0.004	0	-0.006	0
-4.95E-06	0.007	0	0.011	0
-3.66E-06	0.005	0	0.009	0
-6.13E-06	0	0	0.001	0
-9.51E-06	0.005	0	0.008	0
-8.41E-06	-0.006	0.031	-0.008	0.031
1.28E-05	0.008	0.535	0.012	0.535
0.000287	0.078	1.298	0.084	1.298
0.00067	0.176	2.048	0.195	2.048
0.001557	0.399	2.72	0.439	2.72
0.001779	0.482	3.255	0.536	3.255

0.001933	0.538	3.599	0.616	3.599
0.002947	0.799	3.738	0.898	3.738
0.003185	0.869	3.662	0.967	3.662
0.002884	0.796	3.367	0.898	3.367
0.002312	0.651	2.883	0.752	2.883
0.001102	0.397	2.241	0.519	2.241
0.000178	0.125	1.482	0.186	1.482
9.81E-05	0.081	0.708	0.124	0.708
0.000121	0.01	0.078	0.042	0.078
2.39E-05	0.031	0	0.046	0
-8.33E-06	0.034	0	0.051	0
-5.41E-06	0.026	0	0.039	0
-8.56E-06	0.038	0	0.058	0
-1.20E-05	0.018	0	0.028	0
-9.02E-06	0.021	0	0.033	0
-1.03E-05	0.017	0	0.027	0
-6.94E-06	0.017	0	0.026	0
-6.58E-06	0.018	0	0.029	0
-6.26E-06	0.008	0.029	0.013	0.029
3.37E-06	0.01	0.531	0.017	0.531
0.000168	0.055	1.294	0.065	1.294
0.000383	0.113	2.047	0.128	2.047
0.00163	0.419	2.722	0.458	2.722
0.002092	0.563	3.253	0.63	3.253
0.002176	0.593	3.6	0.656	3.6
0.002919	0.792	3.751	0.874	3.751
0.003071	0.839	3.673	0.93	3.673
0.001705	0.516	3.375	0.603	3.375
0.000282	0.197	2.865	0.296	2.865
1.08E-05	0.027	2.211	0.044	2.211
1.28E-05	0.032	1.48	0.053	1.48
0.000131	0.05	0.705	0.064	0.705
7.28E-05	-0.038	0.075	-0.037	0.075
1.98E-05	0.018	0	0.027	0
-9.08E-06	0.015	0	0.022	0
-1.08E-05	0.014	0	0.022	0
-9.24E-06	0.005	0	0.009	0
-8.61E-06	0.004	0	0.007	0
-9.61E-06	0.004	0	0.006	0
-9.48E-06	0.002	0	0.003	0
-8.00E-06	0.001	0	0.002	0
-7.20E-06	0	0	0.001	0
-6.01E-06	0.001	0.028	0.002	0.028
1.28E-05	0.006	0.523	0.009	0.523
0.000268	0.072	1.288	0.078	1.288
0.000925	0.221	2.039	0.243	2.039
0.001649	0.411	2.703	0.452	2.703
0.002146	0.562	3.232	0.623	3.232

0.002517	0.678	3.576	0.753	3.576
0.002716	0.748	3.718	0.842	3.718
0.003039	0.841	3.636	0.951	3.636
0.002743	0.783	3.344	0.909	3.344
0.000902	0.338	2.85	0.434	2.85
0.000637	0.244	2.211	0.314	2.211
0.000349	0.175	1.48	0.246	1.48
0.000285	0.148	0.702	0.226	0.702
0.000205	0.043	0.073	0.087	0.073
2.69E-05	0.026	0	0.039	0
-7.90E-06	0.021	0	0.032	0
-1.06E-05	0.009	0	0.015	0
-8.60E-06	0.013	0	0.021	0
-7.01E-06	0.044	0	0.065	0
-8.63E-06	0.015	0	0.024	0
-7.34E-06	0.029	0	0.043	0
-9.69E-06	0.023	0	0.035	0
-8.74E-06	0.01	0	0.016	0
-7.97E-06	-0.001	0.026	-0.001	0.026
1.09E-05	0.006	0.517	0.008	0.517
0.000232	0.065	1.281	0.071	1.281
0.00031	0.088	2.036	0.098	2.036
0.001513	0.383	2.713	0.418	2.713
0.001982	0.527	3.259	0.586	3.259
0.002603	0.697	3.614	0.763	3.614
0.00291	0.786	3.763	0.861	3.763
0.003014	0.831	3.684	0.929	3.684
0.000538	0.219	3.378	0.279	3.378
0.001638	0.488	2.872	0.577	2.872
0.001398	0.418	2.231	0.505	2.231
0.000312	0.18	1.474	0.26	1.474
0.000622	0.165	0.696	0.229	0.696
0.000514	0.13	0.07	0.188	0.07
9.32E-05	0.038	0	0.06	0
-1.16E-05	0.024	0	0.038	0
-9.54E-06	0.014	0	0.024	0
-8.90E-06	0.012	0	0.02	0
-8.88E-06	0.021	0	0.033	0
-8.90E-06	0.009	0	0.014	0
-1.02E-05	0.012	0	0.019	0
-9.83E-06	0.006	0	0.01	0
-8.89E-06	0.007	0	0.012	0
-1.07E-05	0.006	0.025	0.009	0.025
2.32E-05	0.017	0.509	0.025	0.509
0.000294	0.085	1.275	0.098	1.275
0.000848	0.22	2.032	0.248	2.032
0.000994	0.292	2.714	0.342	2.714
0.001281	0.383	3.239	0.461	3.239

0.001098	0.356	3.595	0.439	3.595
0.000784	0.285	3.732	0.368	3.732
0.002192	0.59	3.641	0.697	3.641
0.003019	0.794	3.341	0.921	3.341
0.002276	0.623	2.856	0.737	2.856
0.001897	0.531	2.215	0.647	2.215
0.001815	0.516	1.471	0.635	1.471
0.001205	0.34	0.694	0.433	0.694
0.000593	0.164	0.068	0.235	0.068
6.92E-05	0.006	0	0.014	0
-1.26E-05	-0.026	0	-0.037	0
-1.25E-05	-0.024	0	-0.034	0
-1.12E-05	-0.038	0	-0.06	0
-1.14E-05	-0.027	0	-0.039	0
-1.19E-05	-0.026	0	-0.036	0
-1.13E-05	-0.023	0	-0.032	0
-1.14E-05	-0.024	0	-0.033	0
-1.08E-05	-0.019	0	-0.025	0
-1.21E-05	-0.026	0.024	-0.036	0.024
7.74E-06	0.007	0.505	0.01	0.505
0.000384	0.094	1.276	0.106	1.276
0.000959	0.229	2.035	0.256	2.035
0.001593	0.4	2.711	0.442	2.711
0.002156	0.565	3.247	0.627	3.247
0.002621	0.703	3.611	0.786	3.611
0.002934	0.794	3.766	0.882	3.766
0.003066	0.841	3.678	0.949	3.678
0.00301	0.834	3.378	0.944	3.378
0.00279	0.79	2.909	0.917	2.909
0.002388	0.678	2.256	0.797	2.256
0.001876	0.537	1.497	0.652	1.497
0.001269	0.36	0.698	0.455	0.698
0.000624	0.187	0.065	0.275	0.065
8.62E-05	0.032	0	0.055	0
-1.51E-05	0.023	0	0.041	0
-1.43E-05	0.01	0	0.021	0
-1.41E-05	-0.007	0	-0.005	0
-1.27E-05	-0.005	0	-0.002	0
-1.23E-05	-0.005	0	-0.003	0
-1.22E-05	-0.005	0	-0.002	0
-1.21E-05	-0.003	0	0	0
-1.17E-05	-0.004	0	-0.001	0
-1.19E-05	-0.012	0.022	-0.013	0.022
-8.92E-07	0.017	0.501	0.029	0.501
0.000387	0.108	1.276	0.128	1.276
0.000958	0.259	2.044	0.303	2.044
0.001596	0.444	2.725	0.519	2.725
0.002155	0.605	3.258	0.696	3.258

0.002568	0.725	3.62	0.82	3.62
0.002892	0.823	3.786	0.937	3.786
0.003081	0.874	3.708	0.996	3.708
0.003103	0.873	3.408	0.984	3.408
0.002219	0.622	2.907	0.713	2.907
0.000847	0.309	2.249	0.393	2.249
0.000342	0.237	1.484	0.353	1.484
0.000432	0.155	0.682	0.232	0.682
0.000645	0.219	0.063	0.329	0.063
0.0001	0.087	0	0.132	0
-1.50E-05	0.037	0	0.058	0
-1.27E-05	0.025	0	0.041	0
-1.43E-05	0.037	0	0.059	0
-1.29E-05	0.007	0	0.012	0
-1.20E-05	0.023	0	0.037	0
-1.17E-05	0.029	0	0.045	0
-1.27E-05	0.013	0	0.021	0
-1.09E-05	0.01	0	0.017	0
-1.07E-05	0.019	0.021	0.029	0.021
6.17E-06	0.02	0.493	0.033	0.493
0.000371	0.097	1.266	0.11	1.266
0.000968	0.251	2.026	0.287	2.026
0.001573	0.419	2.712	0.469	2.712
0.00214	0.588	3.271	0.657	3.271
0.002636	0.757	3.638	0.868	3.638
0.001072	0.42	3.757	0.542	3.757
0.000272	0.208	3.669	0.317	3.669
0.000854	0.307	3.359	0.384	3.359
0.001016	0.313	2.85	0.365	2.85
0.000939	0.289	2.21	0.345	2.21
0.000778	0.213	1.451	0.252	1.451
0.001028	0.245	0.676	0.291	0.676
0.000216	0.058	0.06	0.127	0.06
4.21E-05	0.035	0	0.057	0
-1.32E-05	0.007	0	0.015	0
-1.13E-05	-0.003	0	-0.002	0
-9.86E-06	0.002	0	0.006	0
-1.23E-05	-0.002	0	-0.001	0
-1.26E-05	0	0	0.002	0
-1.19E-05	-0.004	0	-0.004	0
-1.11E-05	-0.001	0	0.001	0
-1.10E-05	-0.016	0	-0.023	0
-1.05E-05	-0.013	0.019	-0.019	0.019
5.71E-06	0.021	0.484	0.036	0.484
0.000362	0.101	1.263	0.119	1.263
0.000962	0.25	2.027	0.289	2.027
0.001566	0.412	2.708	0.46	2.708
0.002137	0.589	3.257	0.666	3.257

0.002615	0.737	3.618	0.835	3.618
0.002949	0.835	3.775	0.941	3.775
0.001654	0.528	3.695	0.626	3.695
0.000273	0.219	3.374	0.336	3.374
0.001333	0.383	2.855	0.447	2.855
0.001294	0.421	2.208	0.533	2.208
0.000855	0.256	1.462	0.326	1.462
0.001324	0.325	0.677	0.378	0.677
0.000475	0.066	0.057	0.091	0.057
6.51E-05	0.011	0	0.021	0
-1.43E-05	0.009	0	0.019	0
-1.36E-05	-0.012	0	-0.015	0
-1.36E-05	0.015	0	0.027	0
-1.34E-05	-0.008	0	-0.01	0
-1.14E-05	-0.019	0	-0.028	0
-1.18E-05	-0.006	0	-0.007	0
-1.05E-05	-0.008	0	-0.009	0
-1.10E-05	-0.005	0	-0.004	0
-1.04E-05	-0.002	0.018	0	0.018
1.70E-05	0.027	0.478	0.044	0.478
0.000223	0.072	1.256	0.087	1.256
0.000613	0.171	2.021	0.198	2.021
0.001455	0.377	2.702	0.415	2.702
0.002148	0.575	3.244	0.634	3.244
0.002511	0.685	3.606	0.755	3.606
0.00263	0.743	3.739	0.841	3.739
0.002913	0.832	3.677	0.954	3.677
0.002998	0.878	3.378	1.03	3.378
0.001754	0.572	2.875	0.71	2.875
0.001233	0.436	2.23	0.567	2.23
0.000418	0.245	1.469	0.36	1.469
0.000531	0.186	0.674	0.293	0.674
0.000249	0.049	0.055	0.106	0.055
1.77E-05	0.066	0	0.104	0
-1.40E-05	0.047	0	0.074	0
-1.47E-05	0.049	0	0.075	0
-1.07E-05	0.025	0	0.041	0
-1.31E-05	0.034	0	0.052	0
-1.26E-05	0.035	0	0.053	0
-1.21E-05	0.019	0	0.032	0
-1.29E-05	0.02	0	0.033	0
-1.21E-05	0.016	0	0.026	0
-1.17E-05	0.015	0.017	0.025	0.017
3.41E-06	0.014	0.472	0.024	0.472
0.000248	0.073	1.25	0.083	1.25
0.000944	0.237	2.016	0.267	2.016
0.001531	0.427	2.716	0.501	2.716
0.002101	0.592	3.259	0.691	3.259

0.002563	0.724	3.618	0.832	3.618
0.002869	0.813	3.755	0.926	3.755
0.003018	0.838	3.681	0.938	3.681
0.003023	0.86	3.372	0.981	3.372
0.002216	0.706	2.859	0.881	2.859
0.000641	0.338	2.202	0.486	2.202
0.000799	0.289	1.443	0.396	1.443
0.000256	0.111	0.66	0.164	0.66
8.00E-05	-0.017	0.053	0.018	0.053
6.46E-05	0.013	0	0.024	0
-1.06E-05	0.054	0	0.08	0
-1.13E-05	0.06	0	0.082	0
-1.32E-05	0.035	0	0.051	0
-1.30E-05	0.002	0	0.005	0
-1.05E-05	-0.016	0	-0.024	0
-1.08E-05	-0.015	0	-0.022	0
-9.73E-06	-0.015	0	-0.022	0
-7.52E-06	-0.013	0	-0.018	0
-5.96E-06	-0.016	0.015	-0.024	0.015
3.76E-06	0.036	0.458	0.063	0.458
0.000332	0.114	1.234	0.147	1.234
0.000891	0.258	2.007	0.318	2.007
0.001486	0.417	2.693	0.499	2.693
0.002056	0.576	3.237	0.676	3.237
0.002522	0.713	3.587	0.827	3.587
0.002822	0.789	3.718	0.892	3.718
0.002973	0.845	3.637	0.963	3.637
0.003097	0.909	3.336	1.061	3.336
0.002732	0.849	2.839	1.04	2.839
0.001638	0.555	2.188	0.723	2.188
0.000814	0.285	1.428	0.384	1.428
0.000121	0.099	0.638	0.154	0.638
0.000199	0.02	0.05	0.043	0.05
9.28E-05	0.018	0	0.027	0
5.64E-07	0.011	0	0.019	0
-6.74E-06	-0.004	0	-0.003	0
-1.18E-05	0.002	0	0.005	0
-7.04E-06	-0.008	0	-0.011	0
-5.61E-06	0.001	0	0.004	0
-5.95E-06	-0.008	0	-0.009	0
-1.05E-05	-0.011	0	-0.014	0
-9.12E-06	-0.012	0	-0.016	0
-8.21E-06	-0.012	0.014	-0.016	0.014
7.98E-06	0.013	0.447	0.022	0.447
0.000315	0.083	1.221	0.091	1.221
0.000881	0.223	1.987	0.248	1.987
0.001267	0.337	2.674	0.383	2.674
0.001572	0.426	3.208	0.487	3.208

0.002286	0.607	3.563	0.67	3.563
0.00279	0.749	3.706	0.824	3.706
0.002852	0.771	3.623	0.848	3.623
0.002867	0.781	3.321	0.864	3.321
0.00268	0.746	2.837	0.847	2.837
0.002362	0.653	2.196	0.748	2.196
0.001709	0.457	1.437	0.533	1.437
0.000781	0.239	0.639	0.337	0.639
0.000204	0.045	0.048	0.101	0.048
8.92E-06	0.007	0	0.017	0
-8.82E-06	-0.02	0	-0.027	0
-7.14E-06	0.017	0	0.029	0
-2.27E-05	0.009	0	0.019	0
-1.69E-05	0.039	0	0.061	0
-6.61E-06	0	0	0.007	0
-8.67E-06	0.028	0	0.045	0
-1.01E-05	0.01	0	0.02	0
-9.85E-06	-0.027	0	-0.038	0
-1.17E-05	-0.017	0.013	-0.022	0.013
-4.14E-07	0.022	0.446	0.038	0.446
0.000309	0.088	1.221	0.102	1.221
0.000906	0.226	1.991	0.249	1.991
0.001345	0.374	2.679	0.433	2.679
0.001449	0.434	3.223	0.517	3.223
0.002516	0.708	3.572	0.814	3.572
0.002822	0.819	3.717	0.958	3.717
0.002965	0.865	3.635	1.014	3.635
0.002933	0.863	3.336	1.014	3.336
0.002529	0.745	2.844	0.883	2.844
0.00207	0.613	2.192	0.743	2.192
0.000245	0.175	1.419	0.26	1.419
8.03E-06	0.057	0.62	0.099	0.62
-1.27E-05	0.15	0.046	0.265	0.046
-1.25E-05	0.103	0	0.144	0
-5.95E-06	0.121	0	0.171	0
-1.05E-05	0.115	0	0.159	0
-6.91E-06	0.043	0	0.063	0
-7.62E-06	0.038	0	0.056	0
-8.80E-06	0.037	0	0.055	0
-9.12E-06	0.028	0	0.043	0
-7.86E-06	0.031	0	0.047	0
-1.09E-05	0.005	0	0.009	0
-9.16E-06	0.007	0.012	0.011	0.012
4.93E-06	0.006	0.434	0.01	0.434
0.000265	0.077	1.206	0.089	1.206
0.000802	0.206	1.97	0.237	1.97
0.001422	0.376	2.65	0.424	2.65
0.001997	0.539	3.192	0.598	3.192



0.002306	0.636	3.554	0.708	3.554
0.002827	0.793	3.725	0.903	3.725
0.002919	0.828	3.658	0.954	3.658
0.002854	0.787	3.359	0.887	3.359
0.002632	0.726	2.856	0.821	2.856
0.001801	0.549	2.176	0.684	2.176
0.000911	0.31	1.405	0.415	1.405
0.001223	0.415	0.62	0.57	0.62
0.000446	0.11	0.043	0.169	0.043
3.47E-05	-0.004	0	-0.003	0
-1.12E-05	0.013	0	0.025	0
-1.34E-05	-0.015	0	-0.021	0
-1.07E-05	-0.021	0	-0.03	0
-1.21E-05	-0.009	0	-0.01	0
-1.16E-05	-0.018	0	-0.026	0
-9.69E-06	-0.028	0	-0.044	0
-1.05E-05	-0.026	0	-0.039	0
-1.07E-05	-0.014	0	-0.018	0
-1.11E-05	-0.016	0.011	-0.022	0.011
8.39E-08	0.004	0.425	0.007	0.425
0.000263	0.077	1.199	0.088	1.199
0.000821	0.21	1.971	0.234	1.971
0.001415	0.374	2.659	0.412	2.659
0.001987	0.544	3.201	0.611	3.201
0.002443	0.671	3.565	0.744	3.565
0.002817	0.779	3.714	0.864	3.714
0.001696	0.526	3.62	0.617	3.62
0.002063	0.617	3.327	0.725	3.327
0.001465	0.488	2.814	0.61	2.814
0.000321	0.153	2.137	0.211	2.137
0.000891	0.299	1.393	0.403	1.393
0.000758	0.188	0.603	0.242	0.603
0.000427	0.084	0.041	0.122	0.041
2.37E-05	-0.005	0	-0.004	0
-7.86E-06	0.016	0	0.028	0
-1.56E-05	0.01	0	0.019	0
-6.72E-06	-0.003	0	0	0
-1.17E-05	-0.001	0	0.002	0
-1.10E-05	-0.009	0	-0.011	0
-1.18E-05	-0.024	0	-0.036	0
-9.70E-06	-0.025	0	-0.038	0
-9.91E-06	-0.02	0	-0.029	0
-9.97E-06	-0.014	0.01	-0.019	0.01
5.58E-07	0.002	0.416	0.003	0.416
9.42E-05	0.03	1.191	0.035	1.191
0.000705	0.175	1.96	0.191	1.96
0.001464	0.371	2.649	0.408	2.649
0.002033	0.542	3.192	0.612	3.192

0.002581	0.705	3.55	0.8	3.55
0.002138	0.615	3.691	0.708	3.691
0.000263	0.154	3.619	0.222	3.619
0.000101	0.121	3.32	0.194	3.32
0.000101	0.082	2.805	0.125	2.805
6.00E-05	0.053	2.14	0.081	2.14
8.07E-05	0.051	1.376	0.075	1.376
1.28E-07	0.042	0.591	0.073	0.591
-1.14E-06	0.029	0.038	0.042	0.038
-4.15E-06	0.051	0	0.069	0
-8.69E-06	0.023	0	0.034	0
-5.07E-06	0.014	0	0.021	0
-5.53E-06	0.012	0	0.019	0
-4.30E-06	0.02	0	0.03	0
-8.17E-06	0.025	0	0.038	0
-5.27E-06	0.011	0	0.018	0
-3.51E-06	0.018	0	0.027	0
-9.61E-06	0.025	0	0.036	0
-8.75E-06	0.006	0.009	0.009	0.009
2.38E-07	0.004	0.408	0.006	0.408
0.000139	0.039	1.183	0.044	1.183
0.000882	0.224	1.959	0.251	1.959
0.001475	0.388	2.65	0.441	2.65
0.002044	0.551	3.198	0.632	3.198
0.002499	0.682	3.56	0.774	3.56
0.002819	0.765	3.69	0.847	3.69
0.003054	0.834	3.599	0.926	3.599
0.002971	0.84	3.307	0.969	3.307
0.001763	0.545	2.803	0.665	2.803
0.002114	0.616	2.143	0.744	2.143
0.001719	0.475	1.376	0.563	1.376
0.001093	0.316	0.583	0.407	0.583
0.000405	0.066	0.036	0.102	0.036
4.19E-05	-0.008	0	-0.007	0
-1.37E-05	-0.036	0	-0.055	0
-1.25E-05	-0.04	0	-0.061	0
-1.04E-05	-0.034	0	-0.052	0
-1.19E-05	-0.021	0	-0.029	0
-1.30E-05	-0.026	0	-0.036	0
-1.15E-05	-0.03	0	-0.044	0
-1.10E-05	-0.034	0	-0.051	0
-1.03E-05	-0.032	0	-0.048	0
-1.03E-05	-0.033	0.008	-0.05	0.008
7.50E-07	0.005	0.4	0.007	0.4
0.000296	0.078	1.174	0.089	1.174
0.000892	0.225	1.944	0.254	1.944
0.001488	0.394	2.637	0.442	2.637
0.002052	0.569	3.192	0.648	3.192

0.002524	0.706	3.546	0.801	3.546
0.001969	0.585	3.689	0.676	3.689
0.001829	0.577	3.608	0.697	3.608
0.001835	0.559	3.31	0.66	3.31
0.002339	0.707	2.813	0.863	2.813
0.002362	0.736	2.152	0.917	2.152
0.001617	0.517	1.383	0.672	1.383
0.00122	0.419	0.584	0.578	0.584
0.000524	0.149	0.034	0.213	0.034
4.23E-05	0.016	0	0.032	0
-1.44E-05	-0.019	0	-0.023	0
-1.39E-05	-0.003	0	0.003	0
-1.39E-05	-0.001	0	0.005	0
-1.36E-05	-0.001	0	0.005	0
-1.33E-05	-0.032	0	-0.046	0
-1.16E-05	-0.011	0	-0.011	0
-1.26E-05	-0.01	0	-0.009	0
-1.18E-05	-0.027	0	-0.038	0
-1.24E-05	-0.03	0.007	-0.044	0.007
-9.29E-07	0.014	0.397	0.024	0.397
0.00029	0.078	1.179	0.086	1.179
0.000894	0.225	1.954	0.248	1.954
0.001525	0.43	2.658	0.508	2.658
0.0021	0.609	3.215	0.727	3.215
0.002564	0.752	3.591	0.892	3.591
0.002914	0.89	3.751	1.091	3.751
0.00303	0.917	3.664	1.118	3.664
0.002945	0.88	3.344	1.058	3.344
0.002696	0.822	2.831	1.007	2.831
0.0023	0.722	2.166	0.91	2.166
0.001765	0.587	1.395	0.78	1.395
0.001127	0.4	0.583	0.572	0.583
0.000521	0.148	0.031	0.216	0.031
4.29E-05	0.012	0	0.027	0
-1.69E-05	-0.048	0	-0.073	0
-1.51E-05	-0.024	0	-0.031	0
-1.63E-05	-0.016	0	-0.017	0
-1.70E-05	0.006	0	0.017	0
-1.70E-05	-0.017	0	-0.02	0
-1.37E-05	0.008	0	0.017	0
-1.44E-05	-0.036	0	-0.052	0
-1.28E-05	-0.018	0	-0.022	0
-1.37E-05	-0.02	0.006	-0.025	0.006
-4.33E-06	0.031	0.396	0.054	0.396
0.000304	0.104	1.196	0.138	1.196
0.000938	0.243	1.988	0.293	1.988
0.001555	0.415	2.684	0.486	2.684
0.002121	0.558	3.246	0.62	3.246

0.002593	0.698	3.637	0.775	3.637
0.002906	0.817	3.788	0.938	3.788
0.00303	0.849	3.692	0.974	3.692
0.00299	0.864	3.387	1.017	3.387
0.002756	0.826	2.877	1.006	2.877
0.002342	0.672	2.2	0.811	2.2
0.001765	0.498	1.407	0.618	1.407
0.001128	0.304	0.582	0.405	0.582
0.000499	0.094	0.029	0.148	0.029
3.83E-05	0.041	0	0.072	0
-2.06E-05	0.005	0	0.016	0
-1.78E-05	-0.004	0	0.002	0
-1.70E-05	0.013	0	0.028	0
-1.68E-05	-0.006	0	-0.001	0
-1.65E-05	-0.008	0	-0.005	0
-1.28E-05	-0.019	0	-0.022	0
-1.50E-05	-0.01	0	-0.009	0
-1.37E-05	-0.017	0	-0.021	0
-1.25E-05	-0.012	0.005	-0.013	0.005
-3.24E-06	0.043	0.391	0.075	0.391
0.000284	0.092	1.197	0.115	1.197
0.00089	0.235	2	0.276	2
0.001515	0.418	2.698	0.495	2.698
0.00209	0.57	3.259	0.648	3.259
0.002566	0.709	3.618	0.801	3.618
0.002899	0.813	3.784	0.928	3.784
0.003021	0.853	3.685	0.982	3.685
0.002966	0.847	3.361	0.984	3.361
0.002463	0.694	2.846	0.813	2.846
0.00152	0.464	2.167	0.583	2.167
0.00146	0.395	1.378	0.488	1.378
0.001054	0.299	0.558	0.401	0.558
0.000565	0.173	0.027	0.252	0.027
3.25E-05	0.039	0	0.067	0
-1.72E-05	0.005	0	0.015	0
-1.58E-05	0.014	0	0.027	0
-1.56E-05	0.03	0	0.051	0
-1.52E-05	0.027	0	0.046	0
-1.52E-05	0.02	0	0.035	0
-1.32E-05	0.025	0	0.042	0
-1.21E-05	0.025	0	0.04	0
-1.21E-05	0.02	0	0.032	0
-1.22E-05	0.004	0.005	0.009	0.005
-3.87E-06	0.007	0.366	0.012	0.366
0.000255	0.073	1.142	0.081	1.142
0.000834	0.217	1.914	0.244	1.914
0.001421	0.376	2.603	0.43	2.603
0.001979	0.525	3.152	0.584	3.152

0.002455	0.682	3.524	0.785	3.524
0.002797	0.793	3.667	0.925	3.667
0.002928	0.836	3.584	0.971	3.584
0.002873	0.827	3.279	0.961	3.279
0.002673	0.781	2.783	0.921	2.783
0.002497	0.741	2.136	0.892	2.136
0.001544	0.471	1.358	0.609	1.358
0.00083	0.236	0.547	0.335	0.547
9.72E-05	0.092	0.024	0.126	0.024
2.10E-06	0.021	0	0.037	0
-1.10E-05	-0.009	0	-0.008	0
-1.05E-05	-0.03	0	-0.043	0
-1.11E-05	-0.039	0	-0.059	0
-1.18E-05	-0.023	0	-0.03	0
-1.21E-05	-0.012	0	-0.013	0
-1.34E-05	0.007	0	0.016	0
-1.30E-05	-0.014	0	-0.016	0
-1.11E-05	-0.035	0	-0.053	0
-1.00E-05	-0.03	0.004	-0.043	0.004
-3.64E-06	0.022	0.363	0.039	0.363
0.00024	0.113	1.149	0.159	1.149
0.00081	0.241	1.935	0.3	1.935
0.001417	0.395	2.636	0.478	2.636
0.001991	0.548	3.185	0.645	3.185
0.002436	0.67	3.541	0.769	3.541
0.002495	0.686	3.672	0.766	3.672
0.002407	0.679	3.58	0.77	3.58
0.002547	0.726	3.27	0.841	3.27
0.002326	0.655	2.766	0.762	2.766
0.001585	0.504	2.085	0.64	2.085
3.73E-05	0.126	1.31	0.215	1.31
-2.58E-06	0.071	0.518	0.125	0.518
-3.76E-06	0	0.022	0.003	0.022
-2.57E-05	-0.012	0	-0.014	0
-5.61E-06	0.013	0	0.023	0
-8.99E-06	0.006	0	0.013	0
-1.12E-05	-0.009	0	-0.009	0
-1.07E-05	-0.012	0	-0.013	0
-1.15E-05	-0.007	0	-0.007	0
-1.18E-05	0.005	0	0.011	0
-1.04E-05	-0.019	0	-0.025	0
-7.91E-06	-0.021	0	-0.028	0
-9.71E-06	-0.03	0.003	-0.045	0.003
-4.57E-06	0.001	0.352	0.002	0.352
0.000183	0.05	1.134	0.057	1.134
0.000697	0.166	1.914	0.183	1.914
0.001278	0.317	2.614	0.348	2.614
0.001838	0.473	3.168	0.524	3.168

0.00233	0.617	3.525	0.688	3.525
0.002657	0.72	3.655	0.815	3.655
0.002777	0.754	3.563	0.849	3.563
0.002747	0.754	3.253	0.86	3.253
0.002405	0.658	2.749	0.751	2.749
0.00211	0.591	2.084	0.696	2.084
0.001612	0.479	1.301	0.599	1.301
0.001009	0.333	0.504	0.459	0.504
0.000101	0.072	0.02	0.104	0.02
3.31E-06	0.029	0	0.045	0
-1.45E-05	0.027	0	0.04	0
-5.71E-06	0.057	0	0.082	0
-1.05E-05	0.004	0	0.013	0
-1.00E-05	0.007	0	0.017	0
-1.32E-05	-0.012	0	-0.013	0
-1.21E-05	-0.013	0	-0.015	0
-1.03E-05	-0.001	0	0.003	0
-9.41E-06	0.009	0	0.016	0
-1.04E-05	0.006	0.003	0.011	0.003
-5.54E-06	0.042	0.342	0.075	0.342
0.000216	0.084	1.123	0.111	1.123
0.000774	0.21	1.915	0.249	1.915
0.001453	0.392	2.606	0.466	2.606
0.001319	0.383	3.149	0.457	3.149
0.002113	0.579	3.5	0.667	3.5
0.002444	0.666	3.638	0.754	3.638
0.002876	0.776	3.552	0.865	3.552
0.002652	0.732	3.254	0.837	3.254
0.002118	0.59	2.769	0.687	2.769
0.000772	0.255	2.092	0.315	2.092
0.000324	0.124	1.303	0.158	1.303
0.00041	0.075	0.495	0.116	0.495
0.000106	0.061	0.018	0.093	0.018
-4.39E-06	0.049	0	0.074	0
-8.06E-06	0.084	0	0.115	0
-1.05E-05	0.05	0	0.074	0
-1.34E-05	0.018	0	0.029	0
-1.12E-05	0.037	0	0.056	0
-1.37E-05	0.018	0	0.028	0
-1.21E-05	0.005	0	0.009	0
-1.08E-05	0.008	0	0.014	0
-1.17E-05	0.006	0	0.01	0
-1.09E-05	-0.005	0.002	-0.006	0.002
-5.29E-06	0.013	0.338	0.023	0.338
0.000242	0.074	1.125	0.09	1.125
0.000821	0.204	1.914	0.232	1.914
0.00142	0.358	2.619	0.397	2.619
0.001991	0.517	3.164	0.573	3.164

0.002467	0.654	3.539	0.726	3.539
0.002788	0.753	3.693	0.844	3.693
0.002927	0.824	3.595	0.959	3.595
0.002883	0.822	3.282	0.962	3.282
0.00226	0.659	2.764	0.795	2.764
0.001524	0.497	2.08	0.645	2.08
0.000258	0.223	1.286	0.345	1.286
8.65E-05	0.114	0.482	0.185	0.482
8.54E-06	0.029	0.016	0.043	0.016
-4.16E-06	0.037	0	0.053	0
-7.44E-06	0.05	0	0.069	0
-1.14E-05	0.037	0	0.056	0
-1.27E-05	0.009	0	0.019	0
-1.27E-05	-0.014	0	-0.017	0
-1.16E-05	0.001	0	0.006	0
-1.04E-05	0.004	0	0.01	0
-7.87E-06	-0.011	0	-0.012	0
-6.21E-06	-0.025	0	-0.036	0
-9.33E-06	-0.022	0.002	-0.031	0.002
-1.41E-07	0.016	0.326	0.027	0.326
0.000342	0.085	1.107	0.096	1.107
0.000977	0.243	1.894	0.275	1.894
0.001381	0.36	2.593	0.405	2.593
0.001949	0.517	3.137	0.583	3.137
0.002412	0.654	3.487	0.743	3.487
0.002722	0.756	3.634	0.873	3.634
0.002859	0.809	3.551	0.945	3.551
0.002794	0.803	3.248	0.95	3.248
0.001288	0.445	2.736	0.567	2.736
0.000207	0.185	2.044	0.288	2.044
0.000255	0.165	1.264	0.244	1.264
0.000112	0.08	0.469	0.123	0.469
5.69E-05	0.031	0.014	0.049	0.014
-1.53E-06	0.017	0	0.029	0
-9.30E-06	0.016	0	0.027	0
-1.19E-05	0.039	0	0.06	0
-9.66E-06	0.036	0	0.054	0
-1.05E-05	0.02	0	0.031	0
-8.08E-06	0.016	0	0.025	0
-8.72E-06	0.014	0	0.023	0
-9.75E-06	0.005	0	0.009	0
-1.04E-05	0.006	0	0.01	0
-9.51E-06	0.003	0.001	0.005	0.001
-4.96E-06	0.001	0.319	0.002	0.319
0.000132	0.036	1.104	0.039	1.104
0.000649	0.164	1.89	0.181	1.89
0.001353	0.352	2.595	0.395	2.595
0.001941	0.514	3.136	0.57	3.136

0.0024	0.65	3.492	0.725	3.492
0.002738	0.76	3.655	0.863	3.655
0.001158	0.382	3.579	0.459	3.579
0.00019	0.136	3.226	0.202	3.226
0.000212	0.156	2.716	0.234	2.716
0.000126	0.104	2.047	0.158	2.047
7.27E-05	0.097	1.259	0.157	1.259
0.000197	0.077	0.456	0.12	0.456
0.000328	0.112	0.012	0.159	0.012
1.26E-05	0.065	0	0.096	0
-9.07E-06	0.061	0	0.088	0
-9.34E-06	0.05	0	0.068	0
-8.17E-06	0.015	0	0.024	0
-7.43E-06	0.026	0	0.04	0
-7.62E-06	0.036	0	0.051	0
-7.61E-06	0.017	0	0.027	0
-5.83E-06	0.01	0	0.017	0
-7.17E-06	0.011	0	0.018	0
-8.32E-06	0.009	0.001	0.014	0.001
-5.97E-06	0.01	0.309	0.018	0.309
0.000119	0.037	1.092	0.043	1.092
0.000335	0.101	1.882	0.117	1.882
0.001088	0.284	2.582	0.322	2.582
0.001858	0.502	3.144	0.578	3.144
0.001869	0.528	3.503	0.613	3.503
0.001467	0.443	3.635	0.523	3.635
0.002922	0.79	3.54	0.901	3.54
0.002825	0.769	3.228	0.874	3.228
0.00256	0.705	2.718	0.811	2.718
0.000553	0.207	2.034	0.262	2.034
0.000162	0.128	1.239	0.195	1.239
5.11E-05	0.045	0.436	0.07	0.436
2.48E-05	0.026	0.011	0.042	0.011
-1.08E-05	0.03	0	0.046	0
-1.96E-05	0.014	0	0.022	0
-7.43E-06	0.013	0	0.02	0
-6.93E-06	0.011	0	0.017	0
-6.51E-06	0.022	0	0.032	0
-5.71E-06	0.014	0	0.021	0
-5.47E-06	0.007	0	0.012	0
-9.92E-06	-0.003	0	-0.004	0
-8.43E-06	0.001	0	0.002	0
-6.28E-06	-0.001	0.001	-0.001	0.001
-2.63E-06	0.005	0.298	0.009	0.298
0.000212	0.059	1.075	0.066	1.075
0.000401	0.109	1.858	0.12	1.858
0.000748	0.196	2.557	0.213	2.557
0.000861	0.236	3.107	0.262	3.107



0.001376	0.374	3.468	0.416	3.468
0.00215	0.576	3.61	0.642	3.61
0.00219	0.607	3.518	0.698	3.518
0.001845	0.525	3.201	0.61	3.201
0.001469	0.44	2.678	0.534	2.678
0.00071	0.241	2.004	0.304	2.004
0.001583	0.417	1.23	0.494	1.23
0.000991	0.263	0.425	0.335	0.425
0.000341	0.096	0.009	0.141	0.009
-3.45E-06	0.01	0	0.019	0
-1.20E-05	0.008	0	0.015	0
-1.13E-05	0.006	0	0.011	0
-1.05E-05	0.007	0	0.012	0
-9.07E-06	0.003	0	0.007	0
-7.29E-06	0.01	0	0.017	0
-6.28E-06	0.003	0	0.006	0
-8.28E-06	0	0	0.001	0
-5.50E-06	-0.006	0	-0.009	0
-8.34E-06	-0.008	0	-0.013	0
-6.45E-06	0.003	0.29	0.006	0.29
6.83E-05	0.023	1.066	0.028	1.066
0.00041	0.114	1.85	0.129	1.85
0.001442	0.369	2.547	0.416	2.547
0.001702	0.466	3.1	0.535	3.1
0.002428	0.659	3.465	0.743	3.465
0.00271	0.748	3.612	0.847	3.612
0.00285	0.795	3.519	0.908	3.519
0.000531	0.258	3.176	0.361	3.176
0.000232	0.075	2.635	0.093	2.635
0.001646	0.393	1.957	0.428	1.957
0.001472	0.364	1.192	0.408	1.192
0.000469	0.113	0.405	0.163	0.405
0.000199	0.033	0.007	0.051	0.007
7.56E-06	-0.013	0	-0.016	0
-1.17E-05	-0.023	0	-0.031	0
-1.12E-05	-0.031	0	-0.047	0
-9.34E-06	-0.028	0	-0.041	0
-1.11E-05	-0.029	0	-0.042	0
-9.76E-06	-0.034	0	-0.053	0
-8.97E-06	-0.033	0	-0.05	0
-6.24E-06	-0.034	0	-0.054	0
-6.03E-06	-0.031	0	-0.047	0
-6.19E-06	-0.031	0	-0.047	0
-2.58E-06	0.001	0.28	0.002	0.28
0.000243	0.062	1.055	0.068	1.055
0.000799	0.19	1.834	0.21	1.834
0.001392	0.353	2.527	0.39	2.527
0.001957	0.518	3.078	0.579	3.078

0.002429	0.662	3.441	0.751	3.441
0.002777	0.76	3.586	0.858	3.586
0.002887	0.804	3.493	0.926	3.493
0.002495	0.722	3.172	0.855	3.172
0.002055	0.607	2.662	0.734	2.662
0.001974	0.587	1.987	0.723	1.987
0.001758	0.521	1.194	0.645	1.194
0.000992	0.287	0.394	0.375	0.394
0.000376	0.074	0.006	0.113	0.006
5.37E-06	0.019	0	0.035	0
-7.09E-06	0.02	0	0.03	0
-8.84E-06	0.008	0	0.015	0
-1.29E-05	-0.03	0	-0.044	0
-1.13E-05	-0.031	0	-0.046	0
-1.09E-05	-0.035	0	-0.053	0
-1.08E-05	-0.031	0	-0.046	0
-1.21E-05	-0.027	0	-0.038	0
-1.12E-05	-0.024	0	-0.032	0
-1.11E-05	-0.029	0	-0.041	0
-6.38E-06	0.001	0.274	0.002	0.274
0.000232	0.061	1.05	0.066	1.05
0.000805	0.196	1.832	0.217	1.832
0.001405	0.361	2.533	0.4	2.533
0.001973	0.524	3.086	0.575	3.086
0.00245	0.672	3.45	0.747	3.45
0.002808	0.776	3.608	0.865	3.608
0.002956	0.829	3.561	0.951	3.561
0.002912	0.821	3.237	0.948	3.237
0.002712	0.778	2.701	0.914	2.701
0.002241	0.646	2.014	0.778	2.014
0.001629	0.557	1.182	0.743	1.182
0.000974	0.389	0.385	0.573	0.385
0.000373	0.141	0.005	0.2	0.005
-4.60E-06	0.015	0	0.03	0
-1.53E-05	0.019	0	0.036	0
-1.47E-05	0.014	0	0.028	0
-1.49E-05	-0.002	0	0.003	0
-1.41E-05	-0.009	0	-0.007	0
-1.29E-05	-0.016	0	-0.019	0
-1.24E-05	-0.031	0	-0.045	0
-1.12E-05	-0.039	0	-0.06	0
-1.08E-05	-0.037	0	-0.057	0
-9.91E-06	-0.031	0	-0.046	0
-6.51E-06	0.01	0.267	0.018	0.267
0.000236	0.072	1.048	0.086	1.048
0.000765	0.202	1.839	0.236	1.839
0.001379	0.368	2.544	0.418	2.544
0.001956	0.544	3.093	0.628	3.093

0.002402	0.669	3.446	0.761	3.446
0.002087	0.617	3.579	0.72	3.579
0.002401	0.709	3.484	0.838	3.484
0.002241	0.706	3.186	0.876	3.186
0.001991	0.652	2.658	0.836	2.658
0.001516	0.501	1.96	0.657	1.96
0.001171	0.36	1.158	0.473	1.158
0.000647	0.241	0.367	0.365	0.367
0.000313	0.096	0.004	0.14	0.004
-9.45E-06	-0.017	0	-0.021	0
-1.38E-05	-0.003	0	0.001	0
-1.39E-05	0.002	0	0.008	0
-1.33E-05	-0.005	0	-0.003	0
-1.28E-05	-0.006	0	-0.004	0
-1.10E-05	-0.008	0	-0.008	0
-9.96E-06	0.001	0	0.006	0
-1.05E-05	0	0	0.004	0
-1.06E-05	-0.024	0	-0.035	0
-9.76E-06	-0.013	0	-0.016	0
-9.30E-06	0.028	0.257	0.051	0.257
8.33E-05	0.056	1.033	0.084	1.033
0.000457	0.154	1.821	0.196	1.821
0.000912	0.264	2.518	0.318	2.518
0.001096	0.342	3.065	0.427	3.065
0.002017	0.552	3.419	0.672	3.419
0.002551	0.675	3.559	0.794	3.559
0.002812	0.754	3.462	0.891	3.462
0.001749	0.517	3.129	0.631	3.129
0.001108	0.346	2.591	0.428	2.591
0.001121	0.32	1.906	0.388	1.906
0.001681	0.505	1.141	0.637	1.141
0.000734	0.243	0.35	0.351	0.35
0.000112	0.048	0.003	0.073	0.003
-6.03E-06	0.005	0	0.011	0
-1.19E-05	0.01	0	0.018	0
-1.22E-05	0.009	0	0.017	0
-1.27E-05	0.015	0	0.026	0
-1.21E-05	-0.004	0	-0.004	0
-8.25E-06	-0.016	0	-0.022	0
-9.81E-06	-0.012	0	-0.017	0
-1.02E-05	-0.018	0	-0.026	0
-1.04E-05	-0.015	0	-0.021	0
-9.74E-06	-0.019	0	-0.029	0
-7.56E-06	0.014	0.249	0.025	0.249
0.0002	0.084	1.029	0.114	1.029
0.000784	0.207	1.819	0.251	1.819
0.001381	0.355	2.522	0.413	2.522
0.001704	0.453	3.072	0.522	3.072

0.002244	0.607	3.425	0.707	3.425
0.000449	0.173	3.546	0.223	3.546
0.000986	0.268	3.427	0.303	3.427
0.000528	0.17	3.094	0.207	3.094
0.000452	0.127	2.574	0.145	2.574
0.00063	0.174	1.898	0.202	1.898
0.000131	0.056	1.115	0.076	1.115
3.98E-05	0.019	0.332	0.026	0.332
2.00E-05	0	0.002	0	0.002
-1.22E-06	0	0	0	0
-9.48E-06	0.006	0	0.009	0
-1.57E-05	0.012	0	0.017	0
-1.44E-05	0.009	0	0.013	0
-1.33E-05	0.005	0	0.009	0
-9.27E-06	-0.002	0	-0.003	0
-6.44E-06	-0.005	0	-0.008	0
-6.24E-06	-0.007	0	-0.011	0
-5.86E-06	-0.006	0	-0.01	0
-6.09E-06	-0.006	0	-0.01	0
-4.18E-06	0	0.242	0.001	0.242
0.000207	0.052	1.019	0.056	1.019
0.000709	0.158	1.807	0.171	1.807
0.001241	0.298	2.504	0.323	2.504
0.001876	0.468	3.056	0.518	3.056
0.00236	0.591	3.404	0.668	3.404
0.001285	0.355	3.525	0.407	3.525
0.000524	0.155	3.409	0.176	3.409
0.001092	0.305	3.103	0.361	3.103
0.001136	0.284	2.566	0.315	2.566
0.001885	0.454	1.891	0.512	1.891
0.000327	0.099	1.107	0.12	1.107
0.000182	0.024	0.317	0.037	0.317
9.23E-05	-0.001	0.001	0.001	0.001
-3.41E-06	-0.027	0	-0.038	0
-8.90E-06	-0.019	0	-0.026	0
-1.09E-05	-0.025	0	-0.035	0
-1.08E-05	-0.029	0	-0.042	0
-9.64E-06	-0.03	0	-0.044	0
-6.73E-06	-0.031	0	-0.046	0
-6.57E-06	-0.03	0	-0.043	0
-6.21E-06	-0.035	0	-0.055	0
-6.37E-06	-0.034	0	-0.053	0
-5.75E-06	-0.035	0	-0.055	0
-3.79E-06	0	0.233	0	0.233
0.000194	0.049	1.009	0.053	1.009
0.000667	0.152	1.796	0.164	1.796
0.001253	0.301	2.493	0.331	2.493
0.001789	0.444	3.04	0.502	3.04

0.00236	0.595	3.386	0.666	3.386
0.002688	0.698	3.515	0.771	3.515
0.001374	0.389	3.429	0.449	3.429
0.00263	0.689	3.104	0.766	3.104
0.00148	0.442	2.575	0.538	2.575
0.001753	0.506	1.891	0.629	1.891
0.00154	0.46	1.105	0.591	1.105
0.000716	0.229	0.306	0.332	0.306
0.000138	0.001	0.001	0.006	0.001
-8.95E-06	-0.036	0	-0.054	0
-1.24E-05	-0.03	0	-0.043	0
-1.18E-05	-0.026	0	-0.037	0
-1.19E-05	-0.021	0	-0.028	0
-1.20E-05	-0.014	0	-0.017	0
-1.17E-05	-0.015	0	-0.019	0
-1.05E-05	-0.019	0	-0.024	0
-9.80E-06	-0.022	0	-0.029	0
-1.02E-05	-0.029	0	-0.042	0
-9.20E-06	-0.025	0	-0.035	0
-8.30E-06	0.011	0.225	0.02	0.225
0.000173	0.053	0.998	0.064	0.998
0.000728	0.178	1.788	0.203	1.788
0.001244	0.311	2.489	0.353	2.489
0.001919	0.485	3.038	0.547	3.038
0.002387	0.616	3.385	0.68	3.385
0.002221	0.591	3.511	0.654	3.511
0.001769	0.483	3.408	0.54	3.408
0.001833	0.501	3.079	0.567	3.079
0.001515	0.423	2.555	0.492	2.555
0.000698	0.229	1.857	0.302	1.857
0.001809	0.444	1.071	0.539	1.071
0.000647	0.161	0.287	0.221	0.287
7.92E-05	0.027	0	0.038	0
-8.56E-06	0.006	0	0.01	0
-1.10E-05	-0.005	0	-0.007	0
-9.22E-06	-0.008	0	-0.012	0
-1.01E-05	-0.005	0	-0.006	0
-1.04E-05	-0.008	0	-0.012	0
-9.87E-06	-0.007	0	-0.01	0
-1.01E-05	-0.006	0	-0.009	0
-7.51E-06	-0.009	0	-0.014	0
-5.81E-06	-0.009	0	-0.014	0
-6.01E-06	-0.009	0	-0.014	0
-4.32E-06	0	0.218	0	0.218
0.000213	0.053	0.993	0.057	0.993
0.000741	0.164	1.783	0.178	1.783
0.001342	0.323	2.485	0.353	2.485
0.001927	0.49	3.038	0.557	3.038

0.001931	0.51	3.385	0.586	3.385
0.001713	0.463	3.501	0.524	3.501
0.001968	0.531	3.39	0.607	3.39
0.002568	0.682	3.065	0.788	3.065
0.002337	0.656	2.541	0.786	2.541
0.002119	0.626	1.857	0.779	1.857
0.001602	0.487	1.066	0.626	1.066
0.000988	0.331	0.274	0.465	0.274
0.00032	0.076	0	0.111	0
-1.17E-05	-0.033	0	-0.047	0
-1.39E-05	-0.037	0	-0.056	0
-1.30E-05	-0.035	0	-0.052	0
-1.26E-05	-0.031	0	-0.044	0
-1.20E-05	-0.033	0	-0.048	0
-1.12E-05	-0.014	0	-0.016	0
-1.26E-05	-0.012	0	-0.013	0
-1.29E-05	-0.018	0	-0.023	0
-1.21E-05	-0.027	0	-0.037	0
-1.20E-05	-0.031	0	-0.046	0
-9.30E-06	0	0.212	0.002	0.212
0.000215	0.058	0.993	0.066	0.993
0.000808	0.193	1.787	0.22	1.787
0.00143	0.366	2.501	0.438	2.501
0.002011	0.519	3.051	0.614	3.051
0.002467	0.679	3.419	0.813	3.419
0.00282	0.814	3.618	0.988	3.618
0.002949	0.856	3.511	1.052	3.511
0.002852	0.845	3.153	1.052	3.153
0.00257	0.778	2.603	0.983	2.603
0.002158	0.687	1.912	0.902	1.912
0.001571	0.528	1.096	0.729	1.096
0.00093	0.354	0.272	0.538	0.272
0.00033	0.103	0	0.15	0
-1.63E-05	-0.03	0	-0.039	0
-1.51E-05	-0.049	0	-0.075	0
-1.54E-05	-0.036	0	-0.052	0
-1.42E-05	-0.036	0	-0.052	0
-1.33E-05	-0.033	0	-0.047	0
-1.34E-05	-0.026	0	-0.034	0
-1.33E-05	-0.019	0	-0.023	0
-1.33E-05	-0.001	0	0.003	0
-1.44E-05	-0.01	0	-0.01	0
-1.17E-05	-0.043	0	-0.067	0
-9.99E-06	0.011	0.209	0.02	0.209
0.000174	0.066	1.005	0.087	1.005
0.000811	0.233	1.818	0.297	1.818
0.00143	0.39	2.535	0.483	2.535
0.002017	0.55	3.085	0.674	3.085

0.002479	0.697	3.439	0.846	3.439
0.002441	0.718	3.598	0.876	3.598
0.002585	0.755	3.499	0.917	3.499
0.002452	0.723	3.163	0.894	3.163
0.002556	0.768	2.611	0.969	2.611
0.001276	0.455	1.893	0.63	1.893
0.000829	0.31	1.074	0.467	1.074
0.000373	0.116	0.254	0.214	0.254
0.000251	0.015	0	0.027	0
-1.28E-05	-0.02	0	-0.027	0
-1.44E-05	-0.035	0	-0.053	0
-1.37E-05	-0.031	0	-0.047	0
-1.38E-05	-0.02	0	-0.028	0
-1.12E-05	-0.03	0	-0.045	0
-1.14E-05	-0.01	0	-0.012	0
-1.35E-05	-0.012	0	-0.015	0
-1.18E-05	-0.007	0	-0.007	0
-1.09E-05	-0.008	0	-0.009	0
-1.10E-05	-0.012	0	-0.015	0
-9.54E-06	0.022	0.201	0.039	0.201
0.000228	0.075	0.997	0.098	0.997
0.000799	0.199	1.809	0.239	1.809
0.00137	0.337	2.526	0.382	2.526
0.002059	0.551	3.094	0.649	3.094
0.002001	0.568	3.447	0.677	3.447
0.002474	0.697	3.57	0.829	3.57
0.002761	0.774	3.455	0.92	3.455
0.002645	0.75	3.109	0.903	3.109
0.002534	0.728	2.566	0.881	2.566
0.001632	0.484	1.859	0.624	1.859
0.001484	0.437	1.046	0.568	1.046
0.000812	0.241	0.236	0.348	0.236
6.58E-05	-0.001	0	0.005	0
-1.52E-05	-0.031	0	-0.042	0
-1.62E-05	-0.033	0	-0.047	0
-1.40E-05	-0.04	0	-0.06	0
-1.30E-05	-0.044	0	-0.068	0
-1.21E-05	-0.034	0	-0.049	0
-1.24E-05	-0.044	0	-0.067	0
-1.27E-05	-0.037	0	-0.056	0
-1.11E-05	-0.033	0	-0.047	0
-1.27E-05	-0.026	0	-0.035	0
-1.08E-05	-0.035	0	-0.052	0
-1.02E-05	0.005	0.194	0.009	0.194
0.000192	0.059	0.984	0.073	0.984
0.000787	0.181	1.791	0.207	1.791
0.0014	0.368	2.517	0.435	2.517
0.00198	0.536	3.07	0.648	3.07

0.002447	0.663	3.422	0.784	3.422
0.002745	0.762	3.544	0.907	3.544
0.00291	0.798	3.424	0.925	3.424
0.002614	0.721	3.092	0.843	3.092
0.002513	0.703	2.553	0.832	2.553
0.002072	0.607	1.835	0.753	1.835
0.001448	0.433	1.022	0.565	1.022
0.000734	0.265	0.22	0.405	0.22
0.000201	0.069	0	0.106	0
-1.49E-05	-0.015	0	-0.016	0
-1.52E-05	-0.002	0	0.004	0
-1.61E-05	-0.025	0	-0.033	0
-1.27E-05	-0.037	0	-0.054	0
-1.24E-05	-0.041	0	-0.061	0
-1.36E-05	-0.029	0	-0.04	0
-1.14E-05	-0.04	0	-0.06	0
-1.12E-05	-0.03	0	-0.042	0
-1.04E-05	-0.036	0	-0.055	0
-1.01E-05	-0.042	0	-0.067	0
-1.03E-05	0.008	0.185	0.015	0.185
0.000172	0.047	0.969	0.054	0.969
0.000745	0.175	1.778	0.195	1.778
0.00135	0.361	2.491	0.428	2.491