

CLACKAMAS GEOTHERMAL TEST WELL NO. 1 (CTG14-1)
 ELECTRIC LOG TABULAR PRINTOUT (JLS)
 LOGGED BY: COLOG, INC.
 DATE: SEPTEMBER 5, 1986

DEPTH	SP-1	LAT	SP-2	IP-1	16-1	64-1	SP-3	IP-2	16-2	64-2
4200.0	0.00	0.00	0.00	0.52	0.00	0.34	0.00	0.00	0.00	0.00
4200.5	0.00	0.00	0.00	0.50	0.00	0.29	0.00	0.00	0.00	0.00
4201.0	0.00	0.00	0.00	0.47	0.00	0.26	0.00	0.00	0.00	0.00
4201.5	0.00	0.00	0.00	0.45	0.00	0.23	0.00	0.00	0.00	0.00
4202.0	0.00	0.00	0.00	0.41	0.00	0.21	0.00	0.00	0.00	0.00
4202.5	0.00	0.00	0.00	0.34	0.00	0.18	0.00	0.00	0.00	0.00
4203.0	0.00	0.00	0.00	0.34	0.00	0.15	0.00	0.00	0.00	0.00
4203.5	0.00	0.00	0.00	0.37	0.00	0.19	0.00	0.00	0.00	0.00
4204.0	0.00	0.00	0.00	0.38	0.00	0.27	0.00	0.00	0.00	0.00
4204.5	0.00	0.00	0.04	0.36	0.00	0.47	0.00	0.00	0.00	0.00
4205.0	0.00	0.00	0.06	0.33	0.00	1.32	18.21	0.00	0.00	0.00
4205.5	0.00	0.00	0.06	0.29	0.00	5.17	17.75	0.00	0.00	0.00
4206.0	0.00	0.00	0.08	0.24	0.00	6.20	17.22	0.00	0.00	0.00
4206.5	0.00	0.00	0.13	0.21	0.00	6.93	15.81	0.00	0.00	0.00
4207.0	2.03	0.00	0.44	0.19	0.01	7.02	17.81	0.00	0.00	0.00
4207.5	1.45	0.00	6.56	0.18	0.04	7.12	23.84	0.00	0.00	0.00
4208.0	1.47	0.00	5.96	0.17	0.11	7.26	29.96	0.00	0.00	6.85
4208.5	2.23	0.00	6.17	0.16	0.88	7.38	40.88	0.00	0.00	6.94
4209.0	3.64	0.00	6.80	0.15	4.06	7.47	45.67	0.00	0.00	7.00
4209.5	4.98	0.00	7.55	0.15	4.87	7.57	45.24	0.00	0.00	7.07
4210.0	6.19	0.00	8.96	0.15	5.19	7.71	45.21	0.00	4.46	7.13
4210.5	8.31	0.00	11.93	0.15	5.31	7.84	47.75	0.00	4.88	7.22
4211.0	9.50	0.00	12.55	0.15	5.35	7.99	48.83	0.02	5.27	7.39
4211.5	9.70	0.00	13.63	0.14	5.30	8.17	50.90	0.02	5.53	7.55
4212.0	9.41	0.00	14.23	0.14	5.19	8.92	52.12	0.09	5.36	7.78
4212.5	8.80	0.00	13.95	0.14	5.11	9.50	52.58	0.16	5.20	8.21
4213.0	7.62	0.00	13.14	0.14	5.09	9.62	52.68	0.16	5.20	8.58
4213.5	7.56	0.67	12.45	0.15	5.35	9.61	52.55	0.15	5.27	8.92
4214.0	7.90	3.71	12.30	0.15	5.53	9.63	52.32	0.15	5.35	9.32
4214.5	8.32	5.50	12.39	0.15	5.66	9.68	52.06	0.15	5.40	9.61
4215.0	8.77	6.16	12.65	0.15	5.80	9.75	51.76	0.15	5.45	9.68
4215.5	9.24	6.12	13.26	0.15	6.77	9.85	51.55	0.16	5.51	9.52
4216.0	9.33	5.76	13.59	0.16	7.14	10.23	51.78	0.17	5.57	9.39
4216.5	8.86	5.23	14.10	0.17	7.33	10.87	52.23	0.18	5.97	9.41
4217.0	8.13	4.48	14.04	0.19	7.56	12.58	53.02	0.19	6.80	10.18
4217.5	7.41	3.88	13.47	0.23	7.81	12.77	53.06	0.21	7.28	11.05
4218.0	7.24	4.31	11.87	0.29	8.06	12.87	52.77	0.27	7.50	12.08
4218.5	7.28	5.68	11.78	0.35	8.31	12.93	52.33	0.33	7.64	12.62
4219.0	7.36	6.35	11.85	0.42	8.80	12.99	51.83	0.36	7.83	12.80
4219.5	7.44	6.80	11.94	0.47	10.53	13.03	51.52	0.38	8.53	12.93
4220.0	7.47	7.11	12.15	0.52	13.35	12.93	51.48	0.40	10.91	13.01
4220.5	7.48	7.45	12.30	0.55	14.92	12.70	51.56	0.48	11.54	13.08
4221.0	7.43	8.26	12.39	0.57	16.24	12.22	51.63	0.51	12.80	13.03
4221.5	7.38	10.61	12.43	0.58	16.88	11.67	51.63	0.54	14.69	12.73
4222.0	7.33	10.77	12.46	0.59	16.72	11.19	51.62	0.55	16.71	12.34
4222.5	7.28	10.45	12.49	0.59	16.55	10.72	51.61	0.56	16.73	11.87
4223.0	7.23	9.89	12.45	0.61	17.11	10.16	51.82	0.58	16.60	11.38
4223.5	7.16	9.85	12.40	0.62	18.95	9.63	51.96	0.60	17.43	10.89
4224.0	7.09	10.51	12.29	0.64	20.74	8.54	52.04	0.62	18.99	10.39

4224.5	7.09	12.47	12.19	0.65	20.96	7.09	52.11	0.60	20.55	9.28
4225.0	7.19	14.84	12.23	0.63	21.26	6.44	52.19	0.63	21.03	7.37
4225.5	7.31	18.31	12.35	0.60	22.07	6.47	52.28	0.65	21.16	6.55
4226.0	7.45	19.08	12.55	0.58	23.25	6.58	52.37	0.61	21.30	6.39
4226.5	7.60	19.51	12.77	0.57	26.05	6.72	52.37	0.54	22.65	6.33
4227.0	7.81	20.28	13.03	0.56	27.29	6.88	52.38	0.53	25.72	6.25
4227.5	8.08	20.86	13.28	0.55	28.04	7.02	52.40	0.53	27.49	6.47
4228.0	8.22	22.28	13.34	0.54	29.58	7.11	52.43	0.52	29.45	6.68
4228.5	8.33	24.27	13.33	0.54	29.87	7.13	52.47	0.52	30.03	6.90
4229.0	8.35	24.43	13.31	0.53	29.53	7.06	52.51	0.53	30.20	7.04
4229.5	8.40	24.12	13.29	0.54	29.13	6.98	53.11	0.57	29.60	7.10
4230.0	8.57	23.91	13.28	0.55	28.65	6.89	53.37	0.59	29.07	7.09
4230.5	8.76	23.88	13.29	0.55	28.38	6.80	53.35	0.59	28.85	7.07
4231.0	9.14	24.14	13.31	0.54	25.95	6.70	53.30	0.57	28.51	6.98
4231.5	10.36	24.59	13.39	0.53	21.39	6.58	53.24	0.52	28.02	6.86
4232.0	10.71	25.55	13.62	0.55	18.12	6.47	53.32	0.51	22.38	6.74
4232.5	10.77	20.11	14.74	0.57	14.03	6.34	53.42	0.51	18.99	6.59
4233.0	10.82	10.87	15.53	0.57	8.80	6.18	53.56	0.52	13.45	6.42
4233.5	10.69	6.50	15.60	0.56	6.48	6.02	54.14	0.54	7.96	6.23
4234.0	10.60	6.30	15.57	0.56	5.95	5.89	55.20	0.57	6.36	6.05
4234.5	10.62	6.60	15.47	0.57	5.41	5.76	55.41	0.60	5.83	5.92
4235.0	10.95	6.79	15.41	0.60	4.99	5.65	55.63	0.59	5.29	5.83
4235.5	11.42	6.60	15.44	0.62	4.78	5.58	55.80	0.58	4.84	5.73
4236.0	11.70	6.38	15.68	0.63	4.51	5.51	55.77	0.56	4.59	5.60
4236.5	11.75	6.14	16.09	0.61	4.52	5.50	55.74	0.55	4.49	5.48
4237.0	11.73	5.90	16.44	0.60	4.56	5.47	55.71	0.56	4.53	5.36
4237.5	11.69	5.69	16.50	0.56	4.58	5.40	55.68	0.56	4.59	5.31
4238.0	11.67	5.44	16.43	0.56	4.60	5.36	55.65	0.55	4.60	5.31
4238.5	11.74	5.32	16.36	0.59	4.62	5.39	55.64	0.55	4.59	5.33
4239.0	11.81	5.19	16.33	0.58	4.63	5.51	55.77	0.63	4.59	5.36
4239.5	11.88	5.08	16.45	0.57	4.63	5.63	55.91	0.65	4.65	5.40
4240.0	11.97	5.26	16.67	0.56	4.64	5.73	56.04	0.65	4.72	5.51
4240.5	12.04	5.34	16.88	0.54	4.83	5.83	56.13	0.60	4.81	5.63
4241.0	12.05	5.23	16.93	0.53	4.92	5.91	56.22	0.55	4.90	5.77
4241.5	11.97	5.05	16.92	0.50	4.91	5.99	56.30	0.50	4.98	5.93
4242.0	11.89	4.90	16.89	0.49	4.89	6.05	56.40	0.49	4.97	6.05
4242.5	11.81	4.91	16.84	0.47	4.88	6.07	56.50	0.49	4.96	6.05
4243.0	12.33	4.99	16.76	0.42	4.86	6.10	56.61	0.48	4.95	6.03
4243.5	13.17	4.90	16.81	0.38	4.87	6.15	56.70	0.47	4.94	6.01
4244.0	13.15	4.68	17.23	0.35	4.81	6.19	56.77	0.40	4.93	5.99
4244.5	12.85	4.31	17.99	0.31	4.68	6.23	56.83	0.35	4.89	6.01
4245.0	12.57	3.95	17.87	0.28	4.85	6.27	56.83	0.30	4.84	6.02
4245.5	12.45	3.88	17.63	0.26	4.86	6.31	56.80	0.26	4.78	6.02
4246.0	12.52	3.86	17.44	0.25	4.76	6.37	56.77	0.24	4.72	6.02
4246.5	12.59	3.85	17.34	0.25	4.66	6.49	56.74	0.24	4.64	6.10
4247.0	12.65	3.87	17.36	0.24	4.56	6.66	56.76	0.24	4.56	6.17
4247.5	12.69	3.89	17.42	0.24	4.47	6.96	56.78	0.24	4.50	6.28
4248.0	12.65	3.89	17.43	0.26	4.42	7.34	56.81	0.24	4.48	6.42
4248.5	12.52	3.87	17.41	0.28	4.37	7.71	56.80	0.24	4.45	6.56
4249.0	12.39	3.86	17.36	0.30	4.35	7.92	56.72	0.25	4.42	6.68
4249.5	12.26	3.85	17.28	0.31	4.36	8.02	56.63	0.25	4.40	6.89
4250.0	12.09	3.83	17.11	0.32	4.38	8.04	56.51	0.24	4.37	7.33
4250.5	11.76	3.80	16.92	0.31	4.46	8.05	56.33	0.24	4.35	7.69
4251.0	11.30	3.85	16.64	0.30	4.54	8.07	56.16	0.24	4.34	7.83
4251.5	10.94	3.89	16.24	0.30	4.64	8.08	56.06	0.24	4.34	7.96
4252.0	10.70	3.94	15.70	0.30	4.80	8.07	55.96	0.23	4.37	8.06

4252.5	10.56	4.04	15.40	0.30	4.92	8.06	55.52	0.24	4.50	8.12
4253.0	10.56	4.07	15.37	0.31	5.01	8.04	55.09	0.29	4.67	8.18
4253.5	10.62	4.02	15.52	0.34	5.11	8.04	54.89	0.36	4.88	8.24
4254.0	10.69	3.89	15.64	0.42	5.22	8.16	54.74	0.41	5.05	8.29
4254.5	10.81	3.69	15.72	0.47	5.55	8.46	54.74	0.39	5.18	8.31
4255.0	10.58	3.32	15.46	0.50	5.95	9.81	54.73	0.41	5.32	8.33
4255.5	9.75	3.10	15.06	0.52	6.44	10.49	54.61	0.46	5.40	8.45
4256.0	9.40	3.05	14.53	0.53	6.84	10.87	54.42	0.50	5.50	8.67
4256.5	8.97	3.52	14.35	0.54	7.21	11.18	54.21	0.50	5.66	8.99
4257.0	8.79	5.51	14.25	0.56	7.56	11.37	53.85	0.51	6.27	10.46
4257.5	9.27	6.73	14.13	0.58	7.91	11.33	53.69	0.54	6.94	11.05
4258.0	9.35	8.83	14.04	0.63	8.22	11.12	53.57	0.54	7.64	11.27
4258.5	9.34	8.92	14.14	0.83	8.52	10.80	53.73	0.61	8.33	11.43
4259.0	9.33	8.58	14.25	0.69	10.99	10.10	53.95	0.69	8.93	11.43
4259.5	9.33	8.44	14.36	0.48	15.60	9.41	54.18	0.72	9.69	11.37
4260.0	9.32	8.32	14.47	0.41	17.28	8.82	54.43	0.57	14.80	11.22
4260.5	9.31	8.27	14.47	0.48	17.71	8.38	54.65	0.55	16.43	10.59
4261.0	9.33	8.25	14.47	0.47	17.59	7.98	54.68	0.53	17.61	9.96
4261.5	9.39	8.37	14.47	0.46	16.96	7.88	54.70	0.53	17.79	9.19
4262.0	9.51	8.61	14.45	0.45	16.63	7.91	54.70	0.52	17.64	8.50
4262.5	9.62	8.86	14.44	0.44	16.31	7.87	54.67	0.46	17.39	8.20
4263.0	9.64	9.27	14.43	0.43	15.83	7.82	54.49	0.40	16.91	8.05
4263.5	9.70	10.15	14.42	0.43	15.46	7.79	54.31	0.38	16.16	7.95
4264.0	9.84	12.94	14.41	0.43	14.97	7.78	54.32	0.36	15.62	7.89
4264.5	9.97	15.37	14.40	0.41	14.25	7.80	54.38	0.38	14.96	7.85
4265.0	10.01	15.61	14.56	0.40	14.14	7.84	54.41	0.44	14.22	7.81
4265.5	10.00	15.94	14.73	0.41	14.37	7.86	54.42	0.46	13.80	7.81
4266.0	10.00	16.90	14.93	0.43	14.26	7.76	54.44	0.43	13.96	7.84
4266.5	10.01	19.01	15.05	0.48	13.69	7.61	54.51	0.41	14.14	7.78
4267.0	10.05	20.84	15.75	0.50	12.85	7.43	54.58	0.45	14.00	7.71
4267.5	10.80	21.50	16.28	0.51	11.90	7.27	54.66	0.52	13.55	7.63
4268.0	12.12	22.50	16.71	0.50	10.57	7.11	55.04	0.54	11.66	7.52
4268.5	12.59	22.20	17.31	0.46	8.29	7.00	56.02	0.53	9.72	7.41
4269.0	13.54	20.87	18.22	0.45	7.04	6.91	56.64	0.49	8.71	7.23
4269.5	13.75	11.45	18.53	0.47	6.34	6.83	56.98	0.45	7.25	7.09
4270.0	13.71	8.83	18.61	0.51	5.94	6.75	57.16	0.45	6.47	7.01
4270.5	13.68	8.06	18.60	0.55	5.48	6.64	57.23	0.51	5.60	6.90
4271.0	13.69	7.79	18.60	0.58	5.05	6.55	57.27	0.56	5.32	6.76
4271.5	13.70	7.83	18.60	0.58	4.92	6.46	57.32	0.55	5.06	6.65
4272.0	13.74	7.81	18.60	0.58	4.83	6.41	57.32	0.55	4.86	6.42
4272.5	13.76	7.53	18.61	0.58	4.87	6.38	57.30	0.55	4.75	6.23
4273.0	13.61	7.03	18.63	0.58	5.29	6.36	57.28	0.63	4.73	6.22
4273.5	13.45	6.52	18.67	0.55	5.34	6.36	57.27	0.63	4.73	6.22
4274.0	13.37	6.41	18.69	0.50	5.42	6.35	57.27	0.57	4.93	6.26
4274.5	13.29	6.27	18.67	0.48	5.48	6.36	57.27	0.45	5.17	6.31
4275.0	13.22	5.57	18.59	0.46	5.52	6.40	57.28	0.42	5.35	6.32
4275.5	13.18	5.42	18.45	0.44	5.79	6.44	57.29	0.40	5.57	6.33
4276.0	13.24	5.47	18.28	0.39	6.50	6.47	57.31	0.38	6.09	6.30
4276.5	13.34	5.61	18.04	0.28	6.66	6.58	57.32	0.35	6.49	6.27
4277.0	13.58	6.33	17.69	0.22	6.66	6.69	57.26	0.28	6.68	6.32
4277.5	13.71	7.71	17.64	0.20	6.64	6.81	57.20	0.23	6.80	6.54
4278.0	13.68	7.91	18.05	0.18	6.62	6.97	57.14	0.18	6.86	6.70
4278.5	13.58	7.65	18.75	0.17	6.57	7.18	57.13	0.17	6.81	6.77
4279.0	13.08	5.99	18.95	0.16	6.52	7.40	57.13	0.17	6.66	6.72
4279.5	11.85	4.71	18.90	0.16	7.17	7.63	57.29	0.16	6.75	6.76
4280.0	11.97	5.40	18.62	0.16	7.31	7.93	57.50	0.16	7.07	6.93

4280.5	12.26	6.85	17.76	0.17	7.05	8.12	57.44	0.16	7.09	7.24
4281.0	12.69	7.45	17.26	0.17	6.72	8.30	56.95	0.16	7.12	7.58
4281.5	12.86	7.54	17.30	0.18	6.40	8.42	56.29	0.16	7.03	7.84
4282.0	12.81	7.30	17.64	0.19	6.22	8.37	56.30	0.18	6.61	8.04
4282.5	12.62	6.81	17.83	0.28	6.16	8.20	56.36	0.21	6.18	8.19
4283.0	12.34	6.09	17.80	0.39	6.20	8.04	56.46	0.26	5.95	8.23
4283.5	12.20	5.97	17.62	0.48	6.19	7.84	56.67	0.34	5.97	8.18
4284.0	12.25	6.14	17.36	0.51	5.91	7.72	56.52	0.45	5.99	8.08
4284.5	12.19	6.02	17.32	0.54	5.49	7.57	56.36	0.53	5.90	7.96
4285.0	11.90	5.41	17.41	0.66	5.21	7.36	56.26	0.56	5.41	7.73
4285.5	11.64	4.55	17.33	0.79	5.32	7.01	56.16	0.54	5.29	7.45
4286.0	11.83	4.54	17.16	0.78	5.47	6.61	56.06	0.55	5.25	7.11
4286.5	12.79	4.70	17.09	0.75	5.60	6.89	56.06	0.57	5.21	6.88
4287.0	13.14	4.77	17.17	0.70	5.58	7.61	56.15	0.65	5.26	6.71
4287.5	12.83	4.37	17.97	0.68	5.51	8.15	56.23	0.67	5.39	6.77
4288.0	12.39	3.93	18.20	0.70	6.55	8.31	56.32	0.66	5.37	7.40
4288.5	11.79	3.60	18.06	0.72	7.32	8.28	56.38	0.61	5.42	7.98
4289.0	11.61	4.66	17.54	0.73	7.84	7.87	56.38	0.67	5.79	8.30
4289.5	11.56	6.62	17.23	0.70	8.11	6.51	56.39	0.67	6.51	8.36
4290.0	11.55	8.59	17.11	0.59	8.33	6.19	56.39	0.62	8.25	7.91
4290.5	11.49	10.29	17.13	0.53	10.51	6.36	56.36	0.57	9.15	7.17
4291.0	11.41	10.85	17.17	0.53	15.20	6.54	56.31	0.53	11.76	6.35
4291.5	11.32	11.00	17.20	0.62	22.39	6.74	56.26	0.51	16.05	6.07
4292.0	11.32	10.92	17.23	0.73	26.29	6.94	56.20	0.67	20.47	6.07
4292.5	11.37	10.80	17.22	0.67	27.22	7.16	56.17	0.91	23.47	6.26
4293.0	11.47	10.70	17.17	0.63	27.45	7.34	56.21	0.72	25.65	6.50
4293.5	11.52	10.76	17.03	0.56	27.61	7.41	56.24	0.56	27.11	6.79
4294.0	11.59	11.05	16.80	0.60	27.57	7.44	56.22	0.57	27.60	7.17
4294.5	11.59	11.50	16.81	0.65	27.27	7.35	56.18	0.62	27.68	7.30
4295.0	11.56	13.67	16.83	0.67	26.85	7.26	56.14	0.64	27.61	7.29
4295.5	11.57	15.90	16.85	0.65	25.85	7.12	56.14	0.56	27.38	7.25
4296.0	11.75	19.37	16.85	0.61	21.34	6.87	56.14	0.48	26.87	7.13
4296.5	11.54	20.89	16.85	0.57	18.29	6.71	56.23	0.54	26.18	6.97
4297.0	15.08	20.43	17.26	0.53	15.36	6.57	56.39	0.67	24.69	6.80
4297.5	15.04	13.22	18.15	0.49	9.16	6.38	56.55	0.67	20.41	6.63
4298.0	14.61	9.14	19.96	0.46	7.26	6.11	56.90	0.59	15.47	6.45
4298.5	13.90	6.43	20.37	0.43	5.91	5.72	58.76	0.52	8.52	6.19
4299.0	13.46	4.77	20.16	0.41	5.36	5.43	58.95	0.45	6.64	5.92
4299.5	13.38	5.37	19.65	0.38	4.82	5.41	58.81	0.36	5.96	5.69
4300.0	13.27	5.64	18.70	0.36	4.41	5.40	58.49	0.29	5.32	5.52
4300.5	13.11	5.99	18.68	0.34	4.34	5.53	58.11	0.26	4.88	5.40
4301.0	12.95	6.10	18.50	0.39	4.40	5.68	57.46	0.29	4.42	5.31
4301.5	12.90	6.12	18.33	0.43	4.62	5.84	57.00	0.36	4.43	5.31
4302.0	13.08	5.95	18.41	0.46	4.69	6.14	56.92	0.48	4.54	5.37
4302.5	13.33	5.78	18.57	0.48	4.78	6.67	56.91	0.53	4.65	5.61
4303.0	13.41	5.59	18.73	0.51	4.94	7.34	56.94	0.52	4.77	5.88
4303.5	13.44	5.38	18.80	0.53	5.12	7.81	56.94	0.53	4.87	6.24
4304.0	13.17	5.18	18.62	0.56	5.41	7.89	56.82	0.54	4.98	6.86
4304.5	12.20	5.95	18.30	0.59	5.64	7.72	56.63	0.60	5.14	7.44
4305.0	12.15	7.53	17.59	0.64	5.45	7.53	56.49	0.65	5.64	7.75
4305.5	12.89	9.41	17.43	0.63	4.92	7.29	56.38	0.65	5.67	7.59
4306.0	13.36	8.03	17.74	0.59	4.42	7.00	56.30	0.65	5.26	7.34
4306.5	13.21	6.48	18.71	0.55	4.88	6.30	56.26	0.67	4.73	7.01
4307.0	12.96	3.29	18.60	0.60	5.55	5.85	57.04	0.63	5.25	6.69
4307.5	12.97	2.59	18.44	0.67	5.87	5.63	57.18	0.59	5.88	6.48
4308.0	13.02	2.57	18.18	0.75	5.69	5.54	57.22	0.55	5.89	6.23

4308.5	13.11	2.63	18.23	0.80	5.54	5.48	57.13	0.62	5.67	5.95
4309.0	13.16	2.93	18.35	0.81	5.41	5.54	56.96	0.69	5.42	5.76
4309.5	13.07	3.26	18.57	0.73	5.44	5.68	56.85	0.82	5.18	5.67
4310.0	12.78	3.57	18.48	0.62	5.58	5.86	56.82	0.71	5.32	5.61
4310.5	12.80	3.88	18.27	0.65	5.72	6.13	56.87	0.66	5.98	5.72
4311.0	12.83	4.21	18.21	0.72	5.87	6.42	56.98	0.67	6.27	5.84
4311.5	12.81	4.73	18.28	0.78	6.03	6.69	57.09	0.72	6.30	6.08
4312.0	12.78	6.89	18.40	0.83	6.40	6.91	57.09	0.80	6.48	6.55
4312.5	12.60	7.31	18.47	0.80	7.07	7.19	57.00	0.96	6.86	7.22
4313.0	11.97	7.11	18.45	0.82	7.66	7.13	56.88	0.94	7.67	7.20
4313.5	11.62	7.36	17.98	0.87	8.37	6.92	56.75	0.90	8.33	7.17
4314.0	11.45	8.29	17.51	0.92	8.89	6.70	56.61	0.86	9.05	7.13
4314.5	11.53	10.92	17.31	0.87	8.68	6.32	56.47	0.86	9.19	6.67
4315.0	12.15	12.21	17.26	0.82	8.44	5.88	56.31	0.93	8.88	6.32
4315.5	12.79	11.31	17.37	0.81	8.19	5.24	56.31	0.99	8.55	5.95
4316.0	12.93	9.40	17.74	0.86	7.94	4.89	56.54	0.76	8.21	5.46
4316.5	12.76	6.23	18.24	0.82	7.44	4.71	56.74	0.65	7.30	5.00
4317.0	12.47	4.37	18.36	0.73	6.80	4.83	56.77	0.71	6.96	4.77
4317.5	12.28	3.24	18.34	0.61	6.67	4.95	56.73	0.77	6.82	4.75
4318.0	12.23	3.49	18.05	0.57	6.51	5.08	56.68	0.68	6.48	4.65
4318.5	12.30	4.65	17.90	0.59	6.21	5.22	56.55	0.56	6.24	4.99
4319.0	12.42	5.33	17.91	0.59	5.67	5.46	56.48	0.40	5.89	5.22
4319.5	12.58	5.97	18.00	0.56	5.66	5.71	56.59	0.44	5.53	5.38
4320.0	12.88	6.34	18.19	0.50	5.94	6.06	56.80	0.53	5.62	5.51
4320.5	13.41	6.66	18.45	0.44	6.25	6.80	57.04	0.56	5.73	5.65
4321.0	13.48	7.36	18.85	0.42	6.38	6.76	57.34	0.53	5.83	6.18
4321.5	13.18	8.12	19.06	0.41	6.34	6.72	57.42	0.47	5.89	6.47
4322.0	12.72	8.39	19.03	0.35	6.20	6.69	57.35	0.33	5.94	6.73
4322.5	13.32	10.93	18.73	0.28	5.84	6.55	57.23	0.25	5.86	6.68
4323.0	13.74	11.58	18.42	0.24	5.30	6.50	57.05	0.26	5.04	6.62
4323.5	13.76	10.23	19.09	0.27	4.49	6.53	57.04	0.28	4.32	6.50
4324.0	13.77	8.05	19.16	0.36	4.63	6.54	57.20	0.31	4.98	6.44
4324.5	13.79	3.33	19.11	0.43	5.41	6.58	57.45	0.42	5.35	6.44
4325.0	13.76	2.96	18.91	0.52	5.19	6.61	57.69	0.54	5.02	6.42
4325.5	13.62	2.89	18.69	0.51	4.67	6.65	57.72	0.52	4.45	6.41
4326.0	13.32	2.88	18.93	0.50	4.26	6.78	57.75	0.48	4.03	6.43
4326.5	13.00	2.85	19.33	0.51	4.22	6.89	57.72	0.49	3.87	6.44
4327.0	12.84	2.99	19.41	0.58	4.22	6.92	57.63	0.55	3.85	6.52
4327.5	12.76	3.27	19.11	0.67	4.22	6.80	57.45	0.62	3.88	6.63
4328.0	12.44	3.45	18.59	0.70	4.20	6.58	57.13	0.63	3.95	6.76
4328.5	12.05	4.02	18.30	0.64	4.19	6.21	56.62	0.63	4.05	6.68
4329.0	12.13	4.91	18.02	0.70	4.23	5.74	56.41	0.66	4.15	6.50
4329.5	12.33	5.06	17.96	0.86	4.32	5.14	56.19	0.71	4.20	6.12
4330.0	12.81	5.04	17.95	0.82	4.46	4.82	56.34	0.78	4.31	5.72
4330.5	13.50	4.75	18.05	0.79	4.61	4.59	56.37	0.67	4.50	5.32
4331.0	13.68	4.32	18.29	0.78	4.85	4.56	56.39	0.71	4.72	4.84
4331.5	13.74	4.03	18.64	0.78	5.12	4.57	56.41	0.91	4.98	4.59
4332.0	13.67	3.86	19.04	0.80	5.29	4.63	56.43	0.84	5.17	4.34
4332.5	13.53	3.76	19.19	0.83	5.45	4.77	56.67	0.77	5.36	4.24
4333.0	13.27	3.84	19.17	0.95	5.59	4.92	56.81	0.72	5.56	4.54
4333.5	12.62	3.97	19.10	1.00	5.74	5.22	56.80	0.84	5.76	4.96
4334.0	11.66	4.65	18.70	1.02	6.13	5.54	56.65	0.88	5.98	5.34
4334.5	11.54	6.97	17.94	1.04	6.68	5.96	56.57	0.84	6.28	5.70
4335.0	11.50	8.35	17.52	1.24	7.92	6.22	56.50	0.86	6.70	5.95
4335.5	11.62	9.49	17.24	1.51	8.36	6.30	56.42	1.11	7.23	6.06
4336.0	11.80	9.75	17.27	1.66	8.84	6.28	56.38	1.09	7.95	6.06

4336.5	11.99	9.79	17.36	1.82	9.65	6.09	56.34	0.97	8.73	6.04
4337.0	12.25	9.80	17.48	1.58	11.80	5.88	56.35	0.79	9.88	6.01
4337.5	12.80	9.69	17.64	0.64	12.56	5.61	56.37	0.82	11.22	5.94
4338.0	13.13	8.86	17.82	1.01	12.33	5.38	56.39	0.89	12.42	5.81
4338.5	12.85	6.51	18.10	0.88	11.68	5.23	56.59	0.91	12.39	5.66
4339.0	12.58	4.13	18.54	0.87	10.27	5.18	56.68	0.87	10.79	5.43
4339.5	11.90	3.27	18.23	0.86	8.33	5.17	56.61	0.81	8.52	5.30
4340.0	11.55	3.15	17.79	0.77	6.32	5.16	56.49	0.65	7.41	5.17
4340.5	11.79	3.38	17.53	0.73	6.04	5.13	56.33	0.68	6.72	5.06
4341.0	12.15	3.87	17.50	0.75	5.76	5.11	56.15	0.80	6.10	5.09
4341.5	12.71	4.96	17.89	0.82	5.47	5.11	55.95	1.07	5.76	5.13
4342.0	13.05	5.42	18.63	0.85	5.31	5.12	56.30	0.80	5.45	5.16
4342.5	13.64	5.99	19.08	0.78	5.19	5.16	56.89	0.64	5.21	5.23
4343.0	14.36	6.38	19.40	0.71	5.08	5.15	57.41	0.85	5.04	5.34
4343.5	14.62	6.47	19.73	0.65	4.98	5.12	57.86	0.99	4.95	5.30
4344.0	14.71	6.47	20.26	0.79	4.73	5.09	58.17	0.92	4.87	5.27
4344.5	14.70	6.47	20.45	0.83	4.43	5.06	58.28	0.84	4.73	5.22
4345.0	14.68	6.42	20.32	0.88	4.13	5.00	58.37	0.73	4.29	5.16
4345.5	14.61	6.32	20.20	0.95	3.84	4.99	58.50	0.64	4.07	5.11
4346.0	14.54	5.96	20.07	0.96	3.62	4.99	58.54	0.68	3.95	5.07
4346.5	14.45	5.21	19.92	0.87	3.46	4.96	58.46	0.73	3.82	5.04
4347.0	14.34	4.70	19.89	0.82	3.36	4.92	58.38	0.79	3.71	5.01
4347.5	14.24	4.31	19.92	0.80	3.27	4.87	58.36	0.78	3.63	4.99
4348.0	14.15	3.98	19.92	0.79	3.23	4.83	58.34	0.75	3.57	4.96
4348.5	14.07	3.72	19.77	0.79	3.19	4.79	58.31	0.71	3.51	4.92
4349.0	13.97	3.56	19.53	0.83	3.16	4.77	58.20	0.71	3.45	4.89
4349.5	13.85	3.46	19.42	0.86	3.13	4.77	58.06	0.79	3.40	4.87
4350.0	13.74	3.46	19.53	0.86	3.11	4.76	57.92	0.86	3.34	4.85
4350.5	13.66	3.48	19.62	0.83	3.08	4.76	57.79	0.84	3.33	4.82
4351.0	13.60	3.52	19.51	0.80	3.12	4.77	57.71	0.79	3.32	4.77
4351.5	13.59	3.59	19.36	0.76	3.18	4.78	57.57	0.79	3.36	4.72
4352.0	13.58	3.71	19.31	0.74	3.32	4.76	57.44	0.83	3.38	4.68
4352.5	13.57	3.83	19.30	0.73	3.40	4.73	57.34	0.83	3.40	4.67
4353.0	13.58	3.86	19.34	0.75	3.49	4.70	57.28	0.75	3.42	4.67
4353.5	13.62	3.78	19.38	0.78	3.60	4.69	57.22	0.80	3.45	4.67
4354.0	13.73	3.71	19.43	0.82	3.72	4.69	57.24	1.02	3.49	4.66
4354.5	13.54	3.67	19.39	0.88	3.84	4.73	57.34	0.96	3.55	4.66
4355.0	13.31	3.87	19.35	0.86	3.86	4.77	57.34	0.78	3.61	4.68
4355.5	12.88	4.05	19.19	0.84	3.83	4.77	57.34	0.70	3.68	4.71
4356.0	13.13	4.21	18.89	0.82	3.82	4.77	57.35	0.74	3.77	4.73
4356.5	13.89	4.35	19.17	0.80	3.87	4.79	57.35	0.86	3.82	4.75
4357.0	13.94	4.42	19.61	0.78	3.92	4.81	57.28	0.72	3.83	4.79
4357.5	13.93	4.40	19.74	0.76	3.98	4.80	57.21	0.65	3.83	4.85
4358.0	13.85	4.02	19.70	0.75	4.05	4.80	57.14	0.77	3.81	4.91
4358.5	13.68	3.60	19.53	0.73	4.10	4.79	57.07	0.84	3.79	4.92
4359.0	13.28	3.53	19.34	0.72	4.14	4.81	57.00	0.76	3.75	4.93
4359.5	12.92	3.50	18.90	0.78	4.18	4.83	56.91	0.84	3.70	4.94
4360.0	12.89	3.50	18.61	0.78	4.20	4.85	56.82	0.72	3.79	4.92
4360.5	13.06	3.49	18.67	0.73	4.18	4.89	56.73	0.65	3.90	4.91
4361.0	13.20	3.55	18.81	0.63	4.15	4.93	56.77	0.61	4.01	4.89
4361.5	13.28	3.64	18.97	0.56	4.13	4.97	56.83	0.64	4.12	4.93
4362.0	13.37	3.74	19.09	0.62	4.13	5.02	57.05	0.67	4.18	4.99
4362.5	14.14	3.84	19.42	0.68	4.14	5.08	57.28	0.77	4.22	5.03
4363.0	14.29	3.88	19.91	0.71	4.12	5.13	57.46	0.70	4.26	5.07
4363.5	14.38	3.88	20.18	0.67	4.10	5.21	57.58	0.58	4.30	5.11
4364.0	14.45	3.86	20.36	0.59	4.08	5.29	57.73	0.45	4.33	5.14

4364.5	14.50	3.74	20.48	0.50	4.06	5.36	57.98	0.41	4.33	5.18
4365.0	14.51	3.62	20.51	0.42	4.09	5.43	58.18	0.37	4.32	5.21
4365.5	14.47	3.52	20.48	0.34	4.13	5.48	58.31	0.35	4.32	5.25
4366.0	14.41	3.48	20.39	0.28	4.17	5.52	58.29	0.32	4.33	5.32
4366.5	14.29	3.52	20.30	0.25	4.21	5.55	58.20	0.28	4.34	5.40
4367.0	14.16	3.60	20.21	0.23	4.23	5.55	58.14	0.26	4.36	5.48
4367.5	13.97	3.67	20.12	0.22	4.26	5.59	58.10	0.22	4.37	5.57
4368.0	13.74	3.73	20.03	0.22	4.28	5.79	57.99	0.19	4.36	5.70
4368.5	13.48	3.74	19.93	0.21	4.31	6.04	57.82	0.19	4.36	5.85
4369.0	13.39	3.71	19.81	0.20	4.33	6.36	57.62	0.18	4.35	6.01
4369.5	13.49	3.64	19.53	0.19	4.35	6.75	57.40	0.18	4.35	6.17
4370.0	13.37	3.51	19.32	0.18	4.36	7.19	57.17	0.18	4.36	6.46
4370.5	12.91	3.50	19.30	0.18	4.38	7.68	56.93	0.17	4.42	7.07
4371.0	12.32	3.50	19.23	0.17	4.39	7.82	56.72	0.17	4.49	7.29
4371.5	12.37	3.61	18.84	0.16	4.42	7.87	56.66	0.16	4.57	7.45
4372.0	12.51	3.95	18.46	0.15	4.44	7.91	56.73	0.15	4.65	7.59
4372.5	12.64	4.06	18.54	0.14	4.46	8.01	56.65	0.14	4.54	7.72
4373.0	12.74	4.01	18.62	0.14	4.48	8.15	56.56	0.13	4.54	7.78
4373.5	12.67	3.92	18.68	0.13	4.55	8.18	56.63	0.13	4.67	7.85
4374.0	12.60	3.83	18.72	0.13	4.64	8.23	56.71	0.13	4.86	7.93
4374.5	12.54	3.75	18.65	0.13	4.86	8.34	56.75	0.13	5.08	8.08
4375.0	12.49	3.67	18.58	0.12	5.10	8.44	56.78	0.14	5.18	8.18
4375.5	12.41	3.62	18.53	0.12	5.32	8.99	56.85	0.15	5.22	8.26
4376.0	12.77	3.57	18.59	0.13	5.56	9.62	56.97	0.16	5.31	8.38
4376.5	13.73	3.52	18.94	0.20	5.78	10.96	57.08	0.20	5.51	8.66
4377.0	13.74	3.47	19.84	0.27	5.97	13.04	57.21	0.25	5.74	9.66
4377.5	13.41	3.42	19.82	0.37	6.10	13.95	57.28	0.36	6.02	10.91
4378.0	12.24	3.21	19.07	0.44	6.52	14.70	57.22	0.46	6.30	11.81
4378.5	12.21	3.90	18.34	0.49	8.27	15.75	57.02	0.43	7.18	13.61
4379.0	12.34	5.63	18.17	0.53	8.84	16.00	56.75	0.40	8.21	14.69
4379.5	12.47	7.32	18.25	0.57	9.04	15.81	56.42	0.48	8.50	15.47
4380.0	12.63	8.48	18.43	0.76	9.27	15.56	56.09	0.55	8.90	15.93
4380.5	12.81	8.69	18.61	0.87	10.90	14.48	55.83	0.62	9.55	16.13
4381.0	12.80	8.75	18.67	0.87	14.79	13.31	55.67	0.60	11.23	15.87
4381.5	12.79	8.57	18.76	0.85	16.47	11.97	55.67	0.64	13.69	15.11
4382.0	12.71	7.87	18.84	0.82	17.66	10.15	55.68	0.70	16.02	14.04
4382.5	12.61	7.90	18.76	0.90	18.92	8.81	55.66	0.78	16.89	11.96
4383.0	12.54	8.06	18.68	0.91	20.74	8.11	55.64	0.92	19.55	10.83
4383.5	12.51	8.40	18.61	0.81	21.91	7.58	55.62	0.86	19.91	9.92
4384.0	12.39	8.75	18.67	0.74	23.02	7.13	55.63	0.75	20.56	9.23
4384.5	12.05	9.10	18.58	0.65	24.06	7.08	55.70	0.67	21.34	7.62
4385.0	11.92	10.76	18.12	0.58	24.34	7.10	55.76	0.71	23.99	7.01
4385.5	11.83	13.17	18.01	0.56	24.36	7.19	55.71	0.71	24.34	6.90
4386.0	11.61	19.56	17.76	0.57	25.79	7.41	55.62	0.70	24.10	6.99
4386.5	11.56	20.36	17.53	0.58	28.27	7.61	55.54	0.69	24.67	7.14
4387.0	11.64	21.11	17.66	0.56	29.58	7.61	55.51	0.69	26.79	7.39
4387.5	11.80	24.92	17.98	0.52	30.98	7.58	55.48	0.60	30.44	7.44
4388.0	12.37	30.95	18.21	0.47	31.19	7.59	55.64	0.55	31.01	7.50
4388.5	12.24	33.88	18.21	0.43	32.49	7.60	55.90	0.56	31.04	7.54
4389.0	11.87	35.70	17.93	0.40	32.48	7.58	55.84	0.52	31.69	7.58
4389.5	11.44	36.89	17.58	0.34	28.94	7.54	55.67	0.47	32.87	7.61
4390.0	10.88	37.46	17.14	0.32	26.21	7.54	55.50	0.40	32.97	7.62
4390.5	10.64	35.38	16.79	0.31	23.26	7.56	55.27	0.36	30.62	7.63
4391.0	10.53	32.12	16.62	0.30	19.21	7.59	55.05	0.33	25.14	7.65
4391.5	10.91	26.87	16.68	0.30	12.97	7.54	54.84	0.31	20.57	7.61
4392.0	12.49	22.77	16.92	0.31	10.38	7.49	54.70	0.30	17.26	7.57

4392.5	12.83	14.11	17.65	0.31	7.11	7.44	54.64	0.28	14.58	7.53
4393.0	12.79	10.61	18.73	0.31	6.39	7.38	54.61	0.26	9.94	7.49
4393.5	12.99	9.09	19.01	0.32	5.89	7.33	55.04	0.26	9.76	7.47
4394.0	13.73	8.24	19.30	0.34	5.17	7.27	56.22	0.28	9.39	7.46
4394.5	14.11	7.43	19.73	0.35	4.73	7.23	56.87	0.31	8.39	7.44
4395.0	14.31	6.75	20.06	0.35	4.40	7.21	57.28	0.33	6.08	7.42
4395.5	14.30	6.36	20.10	0.36	4.11	7.26	57.48	0.34	5.51	7.39
4396.0	13.89	5.84	19.93	0.37	3.96	7.32	57.42	0.34	4.88	7.34
4396.5	12.99	5.46	19.33	0.39	3.91	7.38	57.31	0.36	4.55	7.30
4397.0	12.53	5.10	18.97	0.42	3.92	7.46	57.05	0.38	4.31	7.27
4397.5	11.92	4.86	18.64	0.42	3.96	7.54	56.69	0.38	4.13	7.27
4398.0	11.02	4.82	17.92	0.37	4.06	7.64	56.09	0.39	4.10	7.27
4398.5	11.06	4.88	16.88	0.35	4.19	7.76	55.67	0.39	4.14	7.29
4399.0	11.71	5.01	17.48	0.34	4.42	7.92	55.30	0.37	4.26	7.37
4399.5	12.26	5.29	18.10	0.34	4.65	8.10	54.98	0.35	4.46	7.46
4400.0	12.81	5.23	18.64	0.36	4.91	8.36	54.77	0.35	4.66	7.56
4400.5	12.90	4.65	18.91	0.33	5.23	8.79	54.77	0.35	4.86	7.67
4401.0	12.97	3.63	18.98	0.35	5.62	9.33	54.92	0.36	5.06	7.95
4401.5	13.02	3.89	18.98	0.39	5.73	9.86	55.33	0.37	5.27	8.27
4402.0	13.00	4.36	18.98	0.38	5.95	10.15	55.64	0.38	5.67	8.73
4402.5	12.97	4.99	18.97	0.36	6.42	10.50	55.72	0.38	6.08	9.31
4403.0	12.94	5.54	18.96	0.35	7.23	10.85	55.80	0.38	6.52	10.04
4403.5	12.89	5.63	18.96	0.34	7.93	11.11	55.76	0.38	6.99	10.36
4404.0	12.82	5.71	18.94	0.35	8.37	11.29	55.66	0.37	7.46	10.67
4404.5	12.72	5.79	18.85	0.37	8.92	11.46	55.56	0.36	8.07	10.91
4405.0	12.63	5.95	18.76	0.39	9.74	11.59	55.46	0.35	8.75	11.10
4405.5	12.53	6.16	18.66	0.40	10.05	11.62	55.36	0.35	9.31	11.29
4406.0	12.34	6.37	18.55	0.41	10.19	11.65	55.29	0.37	9.80	11.43
4406.5	12.16	6.50	18.40	0.42	10.27	11.67	55.24	0.43	10.02	11.53
4407.0	11.96	6.67	18.23	0.42	10.34	11.63	55.20	0.45	10.12	11.55
4407.5	11.78	6.88	18.06	0.42	10.36	11.59	55.17	0.45	10.22	11.57
4408.0	11.65	7.05	17.87	0.38	10.39	11.54	55.14	0.43	10.30	11.56
4408.5	11.63	7.32	17.67	0.41	10.39	11.48	55.17	0.40	10.34	11.53
4409.0	11.69	7.62	17.79	0.48	10.37	11.42	55.05	0.39	10.30	11.48
4409.5	11.83	8.23	17.96	0.52	10.34	11.34	54.86	0.37	10.27	11.42
4410.0	11.90	8.97	18.18	0.49	10.29	11.20	54.69	0.39	10.25	11.35
4410.5	11.93	9.74	18.35	0.47	10.21	11.01	54.52	0.49	10.24	11.28
4411.0	11.94	10.48	18.37	0.45	10.11	10.97	54.43	0.50	10.23	11.17
4411.5	11.95	10.97	18.36	0.42	9.94	10.94	54.34	0.50	10.13	11.05
4412.0	11.94	11.35	18.33	0.41	9.76	10.81	54.25	0.48	10.00	10.95
4412.5	11.93	11.56	18.33	0.46	9.54	10.64	54.23	0.45	9.79	10.85
4413.0	11.91	11.79	18.34	0.52	9.33	10.48	54.27	0.48	9.52	10.75
4413.5	11.88	12.08	18.34	0.56	9.20	10.28	54.31	0.51	9.35	10.62
4414.0	11.85	12.56	18.39	0.54	9.11	10.06	54.34	0.63	9.19	10.48
4414.5	11.82	12.89	18.38	0.55	9.01	9.92	54.38	0.64	9.08	10.35
4415.0	11.78	12.86	18.22	0.61	8.94	9.84	54.34	0.67	8.98	10.23
4415.5	11.76	12.76	18.04	0.78	8.88	9.77	54.29	0.73	8.90	10.11
4416.0	11.73	12.43	18.03	0.78	8.85	9.70	54.25	0.65	8.83	9.99
4416.5	11.69	12.43	18.14	0.79	8.82	9.64	54.20	0.62	8.75	9.90
4417.0	11.65	12.54	18.08	0.84	8.80	9.63	54.26	0.78	8.72	9.81
4417.5	11.60	12.47	17.96	0.91	8.77	9.54	54.33	0.74	8.70	9.72
4418.0	11.54	12.25	17.88	0.84	8.75	9.34	54.40	0.61	8.70	9.64
4418.5	11.49	12.02	17.83	0.76	8.73	8.33	54.48	0.56	8.70	9.56
4419.0	11.46	12.08	17.79	0.63	8.71	7.49	54.56	0.70	8.67	9.45
4419.5	11.45	12.38	17.75	0.75	8.67	7.03	54.61	0.91	8.64	9.11
4420.0	11.50	12.58	17.69	0.82	8.59	6.65	54.58	0.89	8.60	8.60

4420.5	11.55	12.50	17.60	0.97	8.51	6.31	54.55	0.86	8.55	7.84
4421.0	11.65	12.36	17.65	0.95	8.41	6.12	54.60	0.83	8.42	6.91
4421.5	12.11	12.19	17.72	0.90	8.16	6.00	54.68	0.87	8.30	6.39
4422.0	12.43	11.92	18.01	0.85	7.86	5.97	54.76	1.00	8.18	6.17
4422.5	12.51	11.18	18.43	0.68	7.56	5.94	54.83	0.95	7.83	5.97
4423.0	12.46	10.03	18.54	0.85	7.33	5.91	54.89	0.91	7.39	5.86
4423.5	12.32	9.37	18.55	0.95	7.17	5.92	54.95	0.93	7.15	5.81
4424.0	11.60	9.05	18.43	0.85	7.11	5.92	55.00	0.91	7.01	5.87
4424.5	11.08	8.97	18.26	0.87	7.13	5.93	54.90	0.84	6.87	5.94
4425.0	10.58	9.59	17.94	0.99	7.08	5.96	54.67	0.87	6.84	5.97
4425.5	10.17	10.69	17.68	1.04	7.03	5.98	54.37	0.93	6.86	5.94
4426.0	10.24	12.64	16.91	1.07	7.00	5.95	53.95	0.99	6.89	5.87
4426.5	10.43	14.12	16.30	1.04	6.96	5.88	53.55	1.06	6.92	5.80
4427.0	11.81	15.42	16.26	1.00	6.27	5.78	53.16	1.09	6.92	5.73
4427.5	12.65	14.27	16.94	0.95	5.66	5.67	52.92	1.11	6.80	5.68
4428.0	12.72	9.67	18.22	0.85	5.29	5.50	52.95	0.96	6.38	5.64
4428.5	12.80	7.38	18.88	0.94	5.00	5.33	54.08	0.89	5.79	5.60
4429.0	12.88	5.97	18.83	0.77	4.75	5.17	54.92	0.94	5.49	5.51
4429.5	12.90	5.23	18.85	0.85	4.55	5.06	55.06	1.01	5.19	5.41
4430.0	12.89	5.05	18.92	0.89	4.32	4.96	55.18	1.07	4.89	5.27
4430.5	12.87	5.09	18.94	0.92	4.09	4.86	55.27	1.00	4.60	5.13
4431.0	12.91	5.15	18.95	0.89	3.95	4.77	55.32	0.87	4.32	5.01
4431.5	13.08	5.23	18.95	0.84	3.85	4.75	55.38	0.83	4.04	4.99
4432.0	13.39	5.40	18.97	0.78	3.80	4.73	55.53	0.87	3.75	4.97
4432.5	13.80	5.65	19.22	0.71	3.76	4.68	55.67	0.96	3.47	4.93
4433.0	13.91	5.85	20.11	0.89	3.70	4.63	55.83	0.97	3.38	4.89
4433.5	13.79	5.87	20.18	0.90	3.63	4.59	56.01	0.90	3.55	4.86
4434.0	13.42	5.72	19.97	0.83	3.59	4.56	56.07	0.77	3.62	4.83
4434.5	13.26	5.50	19.61	0.70	3.56	4.53	56.07	0.79	3.67	4.80
4435.0	13.16	5.26	19.32	0.70	3.52	4.52	56.05	0.84	3.66	4.78
4435.5	13.12	5.04	19.13	0.81	3.48	4.50	55.90	0.80	3.62	4.76
4436.0	13.15	4.68	19.08	0.89	3.43	4.47	55.63	0.71	3.56	4.71
4436.5	13.19	4.32	19.04	0.88	3.38	4.44	55.45	0.74	3.51	4.66
4437.0	13.24	3.93	19.04	0.86	3.34	4.41	55.31	0.85	3.45	4.61
4437.5	13.25	3.81	19.10	0.79	3.29	4.34	55.19	0.96	3.42	4.56
4438.0	13.21	3.72	19.19	0.74	3.24	4.25	55.06	0.92	3.36	4.51
4438.5	13.09	3.63	19.22	0.75	3.18	4.17	55.13	0.91	3.29	4.46
4439.0	13.31	3.58	19.25	0.77	3.12	4.09	55.26	0.94	3.26	4.41
4439.5	13.57	3.54	19.29	0.81	3.09	4.02	55.41	0.87	3.30	4.36
4440.0	13.89	3.51	19.47	0.86	3.07	4.01	55.55	0.96	3.29	4.31
4440.5	13.91	3.49	19.64	0.85	3.08	4.01	55.64	1.07	3.29	4.26
4441.0	13.75	3.47	19.65	0.77	3.10	4.01	55.68	1.04	3.30	4.21
4441.5	13.65	3.45	19.59	0.76	3.16	4.01	55.71	0.86	3.30	4.21
4442.0	13.66	3.44	19.50	0.76	3.22	4.04	55.71	0.76	3.27	4.20
4442.5	13.71	3.45	19.47	0.75	3.27	4.07	55.69	0.69	3.30	4.19
4443.0	13.86	3.52	19.57	0.69	3.33	4.11	55.73	0.76	3.38	4.15
4443.5	14.12	3.63	19.79	0.80	3.40	4.14	55.82	0.97	3.47	4.09
4444.0	14.42	3.73	20.30	0.78	3.48	4.17	55.92	0.82	3.54	4.11
4444.5	14.91	3.82	20.58	0.73	3.58	4.18	56.01	0.74	3.60	4.18
4445.0	15.00	3.99	20.54	0.66	3.66	4.19	56.13	0.69	3.66	4.25
4445.5	14.61	4.30	20.49	0.62	3.61	4.19	56.27	0.70	3.63	4.29
4446.0	14.30	4.38	20.36	0.67	3.43	4.21	56.35	0.75	3.53	4.33
4446.5	14.34	4.27	20.22	0.70	3.31	4.23	56.37	0.79	3.41	4.31
4447.0	14.27	4.07	20.09	0.73	3.33	4.22	56.37	0.79	3.28	4.28
4447.5	14.04	3.70	20.00	0.82	3.40	4.17	56.21	0.68	3.18	4.20
4448.0	13.88	3.20	19.91	0.82	3.54	4.12	56.06	0.68	3.20	4.12

4448.5	13.65	2.77	19.87	0.76	3.49	4.09	55.91	0.71	3.30	4.07
4449.0	13.49	2.68	19.84	0.75	3.42	4.12	55.87	0.76	3.48	4.14
4449.5	13.36	2.75	19.81	0.78	3.34	4.15	55.86	0.83	3.51	4.22
4450.0	13.27	3.07	19.77	0.85	3.26	4.20	55.88	0.86	3.55	4.30
4450.5	13.26	3.34	19.70	0.87	3.19	4.26	55.92	0.72	3.52	4.33
4451.0	13.34	3.50	19.65	0.83	3.33	4.31	55.92	0.69	3.45	4.35
4451.5	13.32	3.49	19.63	0.79	3.48	4.36	55.89	0.77	3.42	4.35
4452.0	13.14	3.52	19.67	0.84	3.72	4.38	55.87	0.82	3.58	4.34
4452.5	13.00	3.75	19.63	0.89	3.90	4.40	55.83	0.84	3.79	4.34
4453.0	12.91	3.99	19.58	0.97	3.87	4.36	55.79	0.77	4.03	4.33
4453.5	13.37	4.06	19.55	1.01	3.83	4.31	55.75	0.72	4.10	4.33
4454.0	13.79	3.89	19.70	0.98	3.78	4.26	55.73	0.71	3.99	4.33
4454.5	13.95	3.64	20.21	0.91	3.80	4.21	55.75	0.92	3.84	4.34
4455.0	13.99	3.34	20.34	0.91	3.85	4.15	56.39	0.91	3.76	4.33
4455.5	13.97	3.09	20.38	0.96	3.99	4.16	56.95	0.85	3.71	4.33
4456.0	13.95	3.16	20.37	0.97	4.17	4.21	57.22	0.89	3.86	4.32
4456.5	13.99	3.79	20.35	0.95	4.29	4.26	57.26	0.93	4.02	4.32
4457.0	14.09	4.29	20.34	0.86	4.26	4.30	57.20	1.05	4.19	4.33
4457.5	14.20	4.43	20.33	0.80	4.23	4.33	57.14	1.07	4.26	4.34
4458.0	14.16	4.44	20.37	0.79	4.26	4.35	57.08	1.05	4.31	4.41
4458.5	14.00	4.50	20.45	0.83	4.29	4.35	57.04	1.01	4.37	4.49
4459.0	13.71	4.55	20.50	0.86	4.43	4.34	57.01	0.92	4.45	4.57
4459.5	13.68	4.63	20.41	0.89	4.47	4.32	57.01	0.78	4.51	4.64
4460.0	13.70	4.74	20.03	0.90	4.41	4.28	57.04	0.89	4.53	4.66
4460.5	13.86	4.83	20.11	0.88	4.36	4.26	57.07	0.94	4.47	4.66
4461.0	14.06	4.80	20.20	0.80	4.31	4.26	57.05	0.96	4.42	4.63
4461.5	14.82	4.52	20.45	0.76	4.25	4.47	57.02	0.94	4.36	4.60
4462.0	15.52	4.32	20.88	0.75	4.18	4.60	57.35	0.82	4.32	4.57
4462.5	15.54	4.23	21.74	0.76	4.12	4.71	57.80	0.81	4.34	4.55
4463.0	15.21	4.23	22.06	0.71	4.07	4.73	58.20	0.83	4.28	4.53
4463.5	14.45	4.24	22.04	0.67	4.02	4.70	58.47	0.91	4.16	4.53
4464.0	13.37	4.20	21.40	0.69	3.96	4.66	58.38	0.88	4.03	4.53
4464.5	12.58	4.22	20.48	0.69	3.86	4.61	58.23	0.79	3.91	4.54
4465.0	12.31	4.31	19.64	0.66	3.75	4.58	57.79	0.78	3.80	4.61
4465.5	12.37	4.28	19.22	0.57	3.61	4.57	57.13	0.76	3.71	4.70
4466.0	12.81	4.25	19.07	0.50	3.45	4.55	56.39	0.71	3.62	4.70
4466.5	14.03	4.14	19.23	0.47	3.31	4.54	55.76	0.58	3.51	4.66
4467.0	14.87	3.94	19.74	0.41	3.20	4.51	55.93	0.46	3.39	4.60
4467.5	14.75	3.53	20.75	0.36	3.11	4.49	56.56	0.40	3.27	4.55
4468.0	14.47	3.06	20.93	0.32	2.98	4.67	57.25	0.34	3.14	4.54
4468.5	14.33	2.76	20.59	0.26	2.87	4.86	57.65	0.30	2.98	4.57
4469.0	14.27	2.91	20.39	0.22	2.79	4.97	57.88	0.26	2.83	4.63
4469.5	14.22	3.05	20.35	0.18	2.87	5.08	57.73	0.22	2.72	4.69
4470.0	13.98	3.15	20.25	0.16	3.10	5.27	57.37	0.18	2.67	4.85
4470.5	13.40	3.33	20.10	0.14	3.32	5.50	57.09	0.16	2.74	5.03
4471.0	12.87	3.78	19.79	0.14	3.48	5.95	56.96	0.14	2.90	5.22
4471.5	12.62	4.22	19.36	0.14	3.76	6.29	56.91	0.12	3.14	5.43
4472.0	13.32	4.33	19.33	0.14	3.86	6.60	56.87	0.12	3.37	5.74
4472.5	13.66	4.15	19.49	0.14	3.91	6.93	56.81	0.12	3.61	6.05
4473.0	13.61	3.87	19.83	0.17	3.93	7.19	56.74	0.12	3.85	6.36
4473.5	13.55	3.54	20.19	0.20	3.91	7.42	56.70	0.14	3.95	6.70
4474.0	13.22	3.20	20.31	0.19	3.90	7.57	56.74	0.16	4.04	7.08
4474.5	12.88	2.99	20.24	0.18	3.91	7.68	56.78	0.17	4.14	7.43
4475.0	12.45	2.80	20.04	0.20	3.91	7.81	56.80	0.19	4.24	7.52
4475.5	11.72	2.73	19.79	0.27	4.12	7.83	56.70	0.21	4.25	7.58
4476.0	11.22	2.73	19.65	0.31	4.25	7.81	56.51	0.24	4.26	7.61

4476.5	11.15	2.80	19.40	0.31	4.30	7.79	56.25	0.29	4.32	7.63
4477.0	11.61	2.97	18.72	0.33	4.35	7.77	56.08	0.34	4.39	7.62
4477.5	12.25	3.18	18.55	0.39	4.39	7.75	55.90	0.39	4.57	7.63
4478.0	12.78	3.26	18.51	0.46	4.46	7.73	55.68	0.44	4.75	7.65
4478.5	12.92	3.19	18.59	0.52	4.53	7.80	55.57	0.47	4.90	7.71
4479.0	12.94	3.12	19.13	0.56	4.79	8.35	55.81	0.51	5.05	7.79
4479.5	12.90	3.12	19.70	0.63	5.36	8.87	56.09	0.54	5.24	7.93
4480.0	12.91	3.27	19.89	0.69	6.09	11.22	56.27	0.57	5.44	8.30
4480.5	12.92	3.49	19.83	0.71	6.59	14.06	56.44	0.64	5.77	8.79
4481.0	12.73	3.97	19.70	0.71	7.07	14.63	56.49	0.70	6.19	9.49
4481.5	12.41	4.74	19.62	0.71	7.68	14.13	56.48	0.72	6.79	11.58
4482.0	12.17	6.78	19.37	0.71	8.57	12.79	56.47	0.73	8.88	13.53
4482.5	12.35	9.62	18.81	0.71	9.94	11.10	56.49	0.75	9.96	14.71
4483.0	12.52	10.13	18.55	0.72	14.24	8.01	56.54	0.74	11.09	14.25
4483.5	12.57	9.28	18.49	0.71	18.78	5.03	56.45	0.64	12.38	10.59
4484.0	12.46	8.87	18.48	0.69	25.87	4.40	56.31	0.59	16.49	8.07
4484.5	12.69	8.89	18.52	0.66	32.96	4.43	56.26	0.60	20.73	5.74
4485.0	12.56	10.03	18.59	0.63	42.08	4.99	56.31	0.61	26.52	4.63
4485.5	12.49	10.30	18.63	0.59	44.08	5.71	56.41	0.55	32.30	4.57
4486.0	12.71	10.85	18.65	0.55	41.04	6.32	56.50	0.51	44.70	4.62
4486.5	13.51	12.82	18.58	0.52	39.31	6.84	56.44	0.47	42.62	5.41
4487.0	14.63	16.04	18.64	0.47	40.94	7.09	56.43	0.44	40.04	5.82
4487.5	15.07	20.24	18.93	0.38	39.55	7.60	56.54	0.42	39.83	6.25
4488.0	15.35	20.87	19.92	0.31	37.35	8.22	56.67	0.39	40.94	6.90
4488.5	15.42	21.84	21.32	0.28	37.48	8.41	56.97	0.34	40.76	7.76
4489.0	15.16	27.41	21.43	0.30	39.41	8.43	58.52	0.30	39.17	8.07
4489.5	14.62	39.77	21.42	0.35	38.23	8.36	59.26	0.28	37.55	8.32
4490.0	13.57	45.89	21.55	0.39	36.25	8.24	59.38	0.36	38.79	8.35
4490.5	12.84	48.56	21.36	0.42	33.01	8.11	59.14	0.38	39.38	8.37
4491.0	13.37	42.09	19.92	0.43	25.52	7.95	58.88	0.36	37.43	8.34
4491.5	14.08	32.37	19.78	0.43	21.16	7.77	58.53	0.35	33.51	8.24
4492.0	14.61	13.58	20.41	0.44	8.21	7.53	58.29	0.35	14.69	8.04
4492.5	15.16	3.67	21.24	0.47	6.60	7.33	58.34	0.38	12.20	7.84
4493.0	15.26	3.54	21.89	0.50	5.83	7.13	58.71	0.45	6.86	7.65
4493.5	15.10	3.62	22.08	0.54	5.46	6.95	59.44	0.49	6.01	7.44
4494.0	14.89	3.96	22.10	0.58	4.96	6.66	60.44	0.53	5.59	7.23
4494.5	14.54	4.71	21.80	0.63	4.63	6.17	60.60	0.56	5.12	7.09
4495.0	13.89	5.26	21.18	0.69	4.32	5.68	60.60	0.60	4.88	6.93
4495.5	13.43	5.68	20.80	0.72	4.27	5.28	60.56	0.64	4.69	6.69
4496.0	12.60	5.99	20.56	0.67	4.27	4.91	60.53	0.69	4.47	6.38
4496.5	11.89	5.97	20.26	0.68	4.35	4.76	60.43	0.75	4.38	6.02
4497.0	11.74	5.85	19.14	0.67	4.42	4.70	60.22	0.79	4.40	5.50
4497.5	12.10	5.63	18.79	0.66	4.60	4.69	60.02	0.75	4.51	4.88
4498.0	12.45	5.42	18.86	0.67	4.90	4.79	59.80	0.69	4.61	4.86
4498.5	12.57	5.26	19.28	0.72	5.21	5.01	59.59	0.66	4.78	4.91
4499.0	12.91	5.22	19.89	0.77	5.53	5.39	59.42	0.69	4.97	4.96
4499.5	13.23	5.21	20.09	0.82	5.94	5.76	59.34	0.72	5.16	5.17
4500.0	13.21	5.35	20.25	0.72	6.40	6.09	60.16	0.72	5.46	5.49
4500.5	13.19	5.74	20.35	0.61	6.82	6.58	61.44	0.71	5.78	5.78
4501.0	13.18	6.90	20.36	0.58	7.13	6.98	61.97	0.69	6.09	6.01
4501.5	13.11	8.69	20.34	0.59	7.40	7.35	61.98	0.73	6.37	6.24
4502.0	12.81	9.54	20.26	0.58	8.02	7.52	61.97	0.72	6.94	6.75
4502.5	12.66	10.51	19.94	0.55	11.07	7.55	61.97	0.70	7.90	7.13
4503.0	13.28	11.02	19.80	0.52	11.40	7.51	62.62	0.66	8.86	7.26
4503.5	13.48	10.23	20.15	0.53	9.43	7.42	63.69	0.61	12.14	7.33
4504.0	13.39	6.15	20.56	0.45	9.25	7.32	63.86	0.53	11.33	7.34

4504.5	13.11	4.72	20.66	0.46	9.59	7.21	63.10	0.45	9.08	7.34
4505.0	11.99	4.55	20.63	0.53	9.36	7.09	66.82	0.41	9.80	7.35
4505.5	11.04	4.97	20.03	0.68	8.97	7.00	68.29	0.61	10.10	7.33
4506.0	10.32	5.39	19.01	0.70	8.50	6.90	70.14	0.89	9.88	7.29
4506.5	9.80	5.48	18.02	0.54	7.56	6.80	70.39	0.75	9.30	7.24
4507.0	9.44	5.28	17.24	0.50	6.84	6.79	70.46	0.54	8.33	7.18
4507.5	9.26	5.08	16.74	0.50	6.51	6.78	70.17	0.47	6.97	7.08
4508.0	9.37	5.01	16.45	0.53	6.10	6.78	69.38	0.49	6.31	6.97
4508.5	9.60	5.18	16.88	0.59	5.63	6.92	66.52	0.53	5.82	6.83
4509.0	9.86	5.70	17.54	0.64	5.29	7.07	65.77	0.63	5.50	6.80
4509.5	10.07	6.70	17.71	0.68	4.91	7.06	67.45	0.66	5.35	6.84
4510.0	10.42	6.97	17.73	0.67	4.67	7.02	67.65	0.66	5.20	6.87
4510.5	10.52	6.81	17.88	0.63	4.57	6.80	68.84	0.67	5.08	6.91
4511.0	10.46	6.61	17.84	0.60	4.56	6.25	67.96	0.68	4.96	6.92
4511.5	10.37	6.46	17.70	0.63	4.55	5.17	71.38	0.69	4.83	6.91
4512.0	10.59	6.35	17.50	0.70	4.56	4.47	74.43	0.71	4.71	6.79
4512.5	11.15	6.32	18.23	0.81	4.57	4.16	75.59	0.76	4.67	6.54
4513.0	11.57	6.26	19.05	0.91	4.59	3.92	77.47	0.85	4.64	5.81
4513.5	11.88	5.72	19.24	0.92	4.69	3.82	80.89	0.87	4.64	4.46
4514.0	12.33	5.29	19.40	0.87	4.80	3.76	87.21	0.84	4.69	4.11
4514.5	12.87	5.01	19.65	0.82	4.91	3.70	87.79	0.81	4.74	3.97
4515.0	14.11	4.85	20.12	0.77	4.96	3.69	86.88	0.76	4.78	3.85
4515.5	15.00	4.78	20.64	0.72	5.00	3.71	85.72	0.97	4.83	3.76
4516.0	15.01	4.64	21.55	0.67	5.03	3.76	84.34	0.92	4.89	3.67
4516.5	14.98	4.28	22.15	0.72	5.06	3.98	84.78	0.83	4.94	3.60
4517.0	14.88	3.96	22.27	0.80	5.10	4.83	86.88	0.82	4.98	3.53
4517.5	14.34	3.95	22.31	0.88	5.20	5.28	88.68	0.79	5.00	3.76
4518.0	13.27	4.93	22.30	0.87	5.37	5.44	88.18	0.68	5.02	4.09
4518.5	12.85	6.12	22.10	0.80	5.74	5.48	87.79	0.72	5.14	4.87
4519.0	13.10	11.64	20.55	0.79	6.64	5.53	90.51	0.82	5.54	5.25
4519.5	12.74	13.91	20.71	0.87	5.44	5.58	89.17	0.90	6.21	5.39
4520.0	11.43	10.82	21.05	0.88	3.93	5.59	85.22	0.92	5.49	5.44
4520.5	10.96	8.41	20.01	0.76	5.76	5.60	86.68	0.81	4.37	5.45
4521.0	11.70	4.75	19.23	0.72	6.38	5.59	88.78	0.77	5.72	5.47
4521.5	12.73	2.76	19.27	0.75	6.15	5.55	91.51	0.81	6.49	5.43
4522.0	13.40	2.79	19.79	0.82	5.78	5.49	93.64	0.88	6.44	5.37
4522.5	13.74	3.20	20.77	0.86	5.40	5.36	94.38	0.85	6.13	5.30
4523.0	14.10	3.62	21.28	0.89	5.07	5.21	95.41	0.80	5.70	5.24
4523.5	14.38	3.51	21.73	0.73	4.86	5.08	95.55	0.76	5.16	5.18
4524.0	14.70	3.41	22.34	0.77	4.62	4.93	95.55	0.74	4.83	5.11
4524.5	14.83	3.41	22.48	0.90	4.37	4.72	95.49	0.74	4.60	5.01
4525.0	14.45	3.95	22.56	0.93	4.20	4.56	95.42	0.85	4.35	4.91
4525.5	14.32	5.17	22.96	0.94	4.07	4.53	95.32	0.94	4.17	4.80
4526.0	14.26	5.34	22.72	0.95	3.95	4.48	95.21	0.99	3.99	4.67
4526.5	13.97	5.23	22.40	0.96	3.84	4.41	95.11	0.95	3.81	4.54
4527.0	13.54	5.03	22.37	0.99	3.69	4.37	94.49	0.91	3.77	4.46
4527.5	13.46	4.83	22.31	0.95	3.55	4.35	93.54	0.86	3.71	4.41
4528.0	13.64	4.61	21.95	0.84	3.45	4.35	93.91	0.80	3.59	4.36
4528.5	14.35	4.41	21.60	0.78	3.43	4.36	94.30	0.76	3.48	4.36
4529.0	13.93	4.32	21.58	0.83	3.41	4.37	94.98	0.74	3.46	4.38
4529.5	13.58	4.30	21.94	0.89	3.40	4.38	95.33	0.74	3.45	4.41
4530.0	13.37	4.50	22.28	0.90	3.43	4.41	95.52	0.75	3.50	4.43
4530.5	13.20	4.59	21.55	0.88	3.47	4.44	95.67	0.77	3.61	4.44
4531.0	13.00	4.50	21.40	0.83	3.54	4.47	95.47	0.79	3.72	4.45
4531.5	12.97	4.38	21.45	0.77	3.59	4.50	95.10	0.84	3.59	4.47
4532.0	13.31	4.22	21.45	0.70	3.58	4.52	94.51	0.87	3.48	4.48

4532.5	13.81	4.08	21.36	0.68	3.57	4.55	94.56	0.79	3.75	4.48
4533.0	13.76	3.96	21.42	0.63	3.55	4.58	95.22	0.71	3.87	4.49
4533.5	13.45	3.79	21.71	0.56	3.54	4.63	95.84	0.64	3.79	4.49
4534.0	12.94	3.74	21.94	0.49	3.60	4.68	96.38	0.54	3.71	4.50
4534.5	12.74	3.81	21.76	0.38	3.69	4.73	96.78	0.48	3.74	4.54
4535.0	13.08	4.22	21.40	0.33	3.75	4.79	97.13	0.40	3.86	4.57
4535.5	13.32	4.27	21.08	0.26	3.78	4.85	97.37	0.31	4.06	4.64
4536.0	13.23	3.85	21.04	0.22	3.66	4.91	97.35	0.24	3.98	4.71
4536.5	13.15	3.34	21.25	0.18	3.82	4.99	97.29	0.20	3.78	4.78
4537.0	13.04	3.20	21.17	0.15	3.90	5.06	97.20	0.17	3.76	4.86
4537.5	12.90	3.27	20.61	0.13	3.94	5.13	97.11	0.15	4.05	4.94
4538.0	12.31	3.84	20.00	0.11	3.95	5.22	97.06	0.13	4.11	5.03
4538.5	12.83	4.20	19.68	0.10	3.87	5.33	97.04	0.11	4.02	5.15
4539.0	12.78	4.12	19.67	0.10	3.79	5.53	96.95	0.10	3.93	5.27
4539.5	12.79	4.04	19.65	0.11	3.74	5.73	95.99	0.08	3.82	5.41
4540.0	13.14	4.05	19.83	0.16	3.73	5.93	94.42	0.11	3.69	5.56
4540.5	13.54	4.02	20.20	0.43	3.73	6.20	93.92	0.25	3.57	5.71
4541.0	14.15	4.05	20.59	0.47	3.77	6.62	93.65	0.44	3.56	5.80
4541.5	14.96	4.00	21.08	0.48	3.80	7.08	94.03	0.48	3.55	5.92
4542.0	14.78	3.55	21.86	0.58	3.84	7.54	95.17	0.50	3.56	6.12
4542.5	14.47	3.05	21.88	0.67	3.87	7.65	96.06	0.52	3.57	6.36
4543.0	14.07	2.99	21.48	0.73	3.90	7.69	96.41	0.55	3.62	6.65
4543.5	13.47	3.17	20.94	0.71	3.93	7.64	96.70	0.78	3.69	7.06
4544.0	13.10	3.45	20.51	0.69	3.96	7.47	96.96	0.73	3.76	7.47
4544.5	12.91	3.52	20.14	0.75	4.06	7.16	97.21	0.72	3.83	7.69
4545.0	12.73	3.49	19.87	0.84	4.24	6.73	97.42	0.80	3.92	7.68
4545.5	12.71	3.39	19.87	0.91	4.47	6.05	97.52	0.96	4.05	7.42
4546.0	13.41	3.28	20.07	0.87	4.72	4.21	97.62	1.04	4.23	7.01
4546.5	13.68	3.16	20.61	0.81	5.02	3.22	97.64	0.96	4.47	6.34
4547.0	13.98	3.11	21.20	0.79	5.47	2.80	97.63	0.86	4.74	5.25
4547.5	14.27	3.10	21.52	0.80	6.05	2.94	97.59	0.78	5.18	4.27
4548.0	14.67	3.24	21.82	0.85	6.86	3.15	97.54	0.85	5.63	3.43
4548.5	14.98	3.52	22.21	0.93	8.21	3.67	97.48	0.98	6.18	2.82
4549.0	14.91	4.07	22.11	0.94	9.27	4.19	97.29	0.96	6.73	2.61
4549.5	14.84	7.01	21.90	0.91	10.50	4.68	97.12	0.95	8.73	2.70
4550.0	14.75	8.50	21.80	0.92	12.99	5.14	97.17	0.89	11.05	3.16
4550.5	14.69	9.89	21.75	0.90	16.89	5.70	97.78	0.89	14.09	3.73
4551.0	14.76	11.63	21.73	0.85	21.16	5.81	98.10	0.91	17.12	4.26
4551.5	14.95	13.61	21.76	0.80	24.71	5.74	98.07	0.92	20.15	4.74
4552.0	15.15	14.75	21.84	0.76	29.46	5.68	98.00	0.90	23.18	5.18
4552.5	15.35	16.18	21.91	0.72	39.13	5.62	97.86	0.79	24.89	5.45
4553.0	15.66	19.41	22.05	0.66	43.69	5.56	97.76	0.70	28.40	5.56
4553.5	16.21	20.38	22.34	0.61	46.94	5.48	97.75	0.66	39.03	5.59
4554.0	16.83	18.73	22.92	0.55	43.69	5.41	97.87	0.64	45.53	5.55
4554.5	16.87	16.24	23.37	0.38	41.40	5.33	97.92	0.58	47.00	5.43
4555.0	16.84	10.24	23.41	0.36	15.12	5.23	97.91	0.50	46.81	5.28
4555.5	16.82	3.62	23.36	0.26	6.58	5.14	97.92	0.44	36.37	5.18
4556.0	16.89	2.82	23.31	0.18	5.75	5.04	98.19	0.39	11.86	5.07
4556.5	16.97	2.99	24.13	0.16	5.14	5.10	98.26	0.35	6.75	4.99
4557.0	17.10	3.57	24.27	0.18	4.74	5.19	98.25	0.24	5.84	4.90
4557.5	17.14	4.03	24.31	0.23	4.44	5.30	98.13	0.15	5.19	4.87
4558.0	17.04	4.50	24.31	0.32	4.19	5.40	97.88	0.13	4.57	4.87
4558.5	16.62	4.98	24.31	0.38	3.93	5.48	97.60	0.30	4.20	4.91
4559.0	16.18	5.41	23.58	0.46	3.74	5.58	97.81	0.35	3.99	5.00
4559.5	15.82	5.69	23.10	0.66	3.68	5.76	98.42	0.35	3.82	5.12
4560.0	15.76	5.64	23.03	0.69	3.63	6.04	98.42	0.46	3.65	5.28

4560.5	15.74	5.14	23.03	0.67	3.57	6.31	98.29	0.64	3.56	5.53
4561.0	15.69	4.87	23.05	0.65	3.55	6.43	98.10	0.71	3.60	5.84
4561.5	15.68	4.65	23.09	0.62	3.54	6.34	97.97	0.73	3.71	6.08
4562.0	15.84	4.58	23.15	0.70	3.53	6.04	97.85	0.72	3.75	6.26
4562.5	16.16	4.64	23.33	0.80	3.51	5.15	97.74	0.67	3.69	6.21
4563.0	16.43	4.67	23.54	0.88	3.50	4.20	97.68	0.64	3.59	6.13
4563.5	16.34	4.57	23.66	0.93	3.56	3.44	97.64	0.78	3.50	5.68
4564.0	16.03	4.22	23.26	0.93	3.63	2.86	97.61	0.84	3.51	5.00
4564.5	15.74	3.88	22.75	0.90	3.69	2.31	97.58	0.74	3.63	4.29
4565.0	15.06	3.60	22.47	0.86	3.75	2.12	97.53	0.76	3.79	3.44
4565.5	14.65	3.34	22.09	0.80	3.91	2.19	97.49	0.84	4.03	2.38
4566.0	14.55	3.10	21.63	0.75	4.12	2.48	97.44	0.86	4.26	2.13
4566.5	14.69	2.90	21.72	0.78	4.36	3.33	97.38	0.86	4.44	2.15
4567.0	15.18	2.73	22.15	0.81	4.61	4.26	97.28	0.88	4.59	2.42
4567.5	15.60	2.62	22.98	0.85	5.15	5.22	97.15	0.93	4.55	2.73
4568.0	14.70	2.53	22.86	0.85	5.86	6.20	96.71	0.97	4.76	3.63
4568.5	14.34	4.04	22.29	0.82	7.01	6.94	95.57	0.90	5.79	4.54
4569.0	14.28	7.19	21.47	0.78	8.59	7.21	90.52	0.88	7.02	5.63
4569.5	14.22	11.18	21.40	0.74	11.49	7.12	88.51	0.85	8.59	6.49
4570.0	14.21	12.54	21.33	0.78	32.43	7.03	90.14	0.77	10.22	6.85
4570.5	14.24	13.55	21.33	0.89	52.30	6.85	88.26	0.74	18.94	6.85
4571.0	14.29	13.30	21.35	0.96	66.95	6.67	88.35	0.76	35.17	6.75
4571.5	14.76	11.69	21.60	0.99	80.90	6.46	86.12	0.79	51.41	6.54
4572.0	15.15	5.69	22.66	0.96	73.82	6.19	83.10	0.82	67.63	6.27
4572.5	15.30	2.46	22.71	0.92	15.04	5.93	82.25	0.84	80.59	6.02
4573.0	15.45	1.60	22.77	0.89	9.94	5.67	82.71	0.78	43.10	5.78
4573.5	15.64	1.14	23.08	0.86	7.49	5.51	81.03	0.74	15.63	5.49
4574.0	15.86	1.28	23.55	0.77	5.94	5.39	84.17	0.81	11.25	5.33
4574.5	15.86	1.69	23.47	0.69	4.98	5.29	82.50	0.87	6.86	5.25
4575.0	15.64	2.69	23.37	0.79	4.39	5.21	80.99	0.88	5.79	5.18
4575.5	15.48	5.28	23.18	0.81	4.23	5.16	80.83	0.89	4.94	5.12
4576.0	15.24	6.54	22.81	0.79	4.11	5.13	80.29	0.88	4.20	5.12
4576.5	15.14	6.92	22.60	0.77	4.00	5.11	78.56	0.85	3.91	5.12
4577.0	15.09	7.10	22.47	0.75	3.95	5.09	71.10	0.80	3.84	5.12
4577.5	14.86	7.07	22.53	0.73	3.91	5.07	67.23	0.87	3.80	5.11
4578.0	14.45	6.98	22.42	0.74	3.87	5.04	65.04	0.86	3.74	5.08
4578.5	14.24	6.73	22.11	0.72	3.84	5.01	63.54	0.80	3.69	5.05
4579.0	14.30	6.30	21.62	0.69	3.80	4.99	62.12	0.83	3.67	5.01
4579.5	14.76	5.62	21.78	0.54	3.74	4.97	61.48	0.91	3.67	4.95
4580.0	15.05	5.21	22.14	0.47	3.67	4.99	60.89	0.82	3.69	4.92
4580.5	15.17	4.86	22.60	0.45	3.69	5.01	60.46	0.72	3.70	4.91
4581.0	15.29	4.55	22.71	0.44	3.71	5.04	65.48	0.66	3.69	4.90
4581.5	15.37	4.34	22.82	0.46	3.73	5.07	69.50	0.52	3.70	4.88
4582.0	15.45	4.15	22.91	0.51	3.74	5.11	68.48	0.47	3.77	4.89
4582.5	15.58	3.98	22.96	0.50	3.75	5.18	69.26	0.45	3.75	4.96
4583.0	15.65	3.88	23.02	0.48	3.78	5.34	67.73	0.45	3.72	5.00
4583.5	15.68	3.89	23.10	0.50	3.81	5.50	65.01	0.45	3.70	5.03
4584.0	15.72	3.92	23.19	0.65	3.76	5.64	73.58	0.44	3.68	5.08
4584.5	15.95	3.93	23.30	0.82	3.72	5.74	73.23	0.42	3.66	5.15
4585.0	16.11	3.90	23.41	0.85	3.67	5.78	71.72	0.40	3.64	5.23
4585.5	16.00	3.82	23.42	0.83	3.62	6.00	70.89	0.50	3.62	5.30
4586.0	15.71	3.74	23.35	0.80	3.59	6.21	82.25	0.60	3.60	5.37
4586.5	15.30	3.67	22.94	0.77	3.57	6.26	84.63	0.82	3.56	5.46
4587.0	15.00	3.64	22.19	0.78	3.54	5.90	88.74	0.85	3.53	5.56
4587.5	14.92	3.62	21.84	0.86	3.55	5.17	92.79	0.82	3.53	5.84
4588.0	14.89	3.60	21.83	0.93	3.59	4.10	93.11	0.83	3.54	6.12

4588.5	14.86	3.58	21.92	0.91	3.63	3.40	93.12	0.85	3.54	6.04
4589.0	14.85	3.56	22.05	0.85	3.72	3.01	93.99	0.87	3.53	5.85
4589.5	14.85	3.53	22.18	0.79	3.83	2.87	93.87	0.88	3.50	5.36
4590.0	14.85	3.47	22.30	0.77	3.95	2.78	95.71	0.77	3.46	3.00
4590.5	14.83	3.38	22.32	0.88	4.07	2.70	96.81	0.78	3.42	2.72
4591.0	14.78	3.30	22.38	0.90	4.19	2.74	96.91	0.88	3.49	2.64
4591.5	14.83	3.28	22.44	0.90	4.33	2.79	95.32	0.86	3.61	2.61
4592.0	15.01	3.36	22.48	0.89	4.61	3.14	73.83	0.83	3.75	2.57
4592.5	16.07	3.27	23.34	0.92	4.86	3.87	57.05	0.79	3.88	2.59
4593.0	16.38	3.12	23.94	0.96	5.19	4.89	57.19	0.83	4.02	2.71
4593.5	16.54	2.88	24.18	0.91	5.62	5.46	57.32	0.87	4.17	3.18
4594.0	16.19	3.12	23.93	0.86	5.80	5.62	57.45	0.87	4.44	3.91
4594.5	15.83	4.25	23.60	0.85	6.51	5.74	57.72	0.81	4.91	4.73
4595.0	15.94	12.57	23.58	0.85	6.79	5.58	57.84	0.75	5.54	5.53
4595.5	16.64	15.02	23.79	0.85	6.63	5.44	57.94	0.78	6.58	5.85
4596.0	16.84	14.11	24.51	0.85	6.43	5.31	58.03	0.82	6.60	5.76
4596.5	16.51	12.13	24.44	0.92	6.69	5.11	58.04	0.86	6.26	5.63
4597.0	15.91	4.57	23.50	0.98	7.05	4.86	58.03	0.89	6.19	5.39
4597.5	15.15	2.84	22.87	1.03	7.28	4.71	57.95	0.92	6.57	5.24
4598.0	14.92	2.74	22.50	0.99	6.73	4.56	57.76	0.89	7.05	5.12
4598.5	14.66	2.46	22.36	0.95	5.79	4.46	57.30	0.86	7.24	5.05
4599.0	14.06	2.12	22.29	0.90	5.04	4.41	56.67	0.83	5.21	4.98
4599.5	13.77	1.96	22.21	0.85	4.59	4.37	55.93	0.86	4.52	4.91
4600.0	13.59	2.07	22.01	0.89	4.40	4.33	55.42	1.06	4.18	4.81
4600.5	13.47	2.29	21.35	0.95	4.32	4.30	54.97	1.06	4.07	4.71
4601.0	13.36	2.81	21.14	0.87	4.25	4.27	54.66	0.98	3.98	4.59
4601.5	13.28	5.68	20.93	0.82	4.23	4.24	54.36	0.94	3.94	4.46
4602.0	13.20	6.28	20.85	0.91	4.21	4.21	54.19	0.90	3.90	4.33
4602.5	13.15	6.32	20.88	0.92	4.18	4.20	53.99	0.87	3.90	4.26
4603.0	13.11	5.97	20.99	0.86	4.16	4.21	53.72	0.93	3.92	4.21
4603.5	13.08	5.78	21.08	0.79	4.17	4.22	53.47	1.00	3.97	4.16
4604.0	13.09	5.65	21.12	0.80	4.18	4.22	53.36	1.00	4.03	4.11
4604.5	13.10	5.59	21.09	0.92	4.20	4.22	53.30	0.83	4.08	4.07
4605.0	13.12	5.50	21.05	0.96	4.17	4.23	53.26	0.77	4.12	4.02
4605.5	13.13	5.33	21.03	0.98	4.12	4.26	53.23	0.82	4.15	4.00
4606.0	13.15	4.79	21.04	0.88	3.97	4.30	53.21	0.84	4.13	4.10
4606.5	13.18	4.32	21.10	0.80	3.86	4.35	53.22	0.79	4.10	4.17
4607.0	13.19	4.20	21.17	0.74	3.79	4.38	53.25	0.75	3.97	4.21
4607.5	13.20	4.10	21.27	0.71	3.73	4.42	53.93	0.83	3.82	4.24
4608.0	13.21	3.99	21.39	0.69	3.66	4.46	54.52	0.81	3.67	4.30
4608.5	13.28	3.91	21.49	0.68	3.61	4.50	54.88	0.77	3.56	4.35
4609.0	13.40	3.83	21.59	0.66	3.56	4.57	54.82	0.73	3.54	4.40
4609.5	13.54	3.75	21.68	0.74	3.51	4.61	54.75	0.79	3.53	4.45
4610.0	13.68	3.74	21.74	0.85	3.47	4.61	54.67	0.90	3.53	4.48
4610.5	13.83	3.77	21.78	0.97	3.48	4.62	54.63	0.81	3.53	4.52
4611.0	13.99	3.80	21.89	0.99	3.49	4.62	54.63	0.77	3.52	4.56
4611.5	14.20	3.86	22.02	0.94	3.49	4.61	54.61	0.80	3.51	4.59
4612.0	14.36	3.91	22.17	0.88	3.48	4.59	54.58	0.97	3.50	4.59
4612.5	14.43	3.92	22.17	0.83	3.46	4.58	54.57	0.81	3.48	4.59
4613.0	14.41	3.88	22.08	0.76	3.44	4.49	54.58	0.77	3.52	4.57
4613.5	14.37	3.80	21.97	0.77	3.46	4.40	54.59	0.91	3.55	4.50
4614.0	14.32	3.73	21.94	0.80	3.50	4.31	54.60	0.98	3.59	4.44
4614.5	14.18	3.69	21.97	0.77	3.53	4.24	54.62	0.93	3.53	4.39
4615.0	14.05	3.64	22.05	0.80	3.55	4.19	54.66	0.88	3.48	4.35
4615.5	13.90	3.49	21.98	0.99	3.56	4.21	54.71	0.78	3.43	4.24
4616.0	13.75	3.45	21.82	0.94	3.58	4.23	54.74	0.81	3.39	4.13

4616.5	13.60	3.58	21.49	0.90	3.60	4.26	54.71	0.86	3.36	4.03
4617.0	13.56	3.78	21.44	0.89	3.63	4.28	54.69	0.92	3.37	3.92
4617.5	13.60	3.98	21.65	0.87	3.66	4.32	54.65	0.93	3.39	3.97
4618.0	15.07	4.06	22.04	0.84	3.71	4.44	54.60	0.78	3.42	4.05
4618.5	15.77	4.06	22.96	0.69	3.82	4.56	54.77	0.73	3.46	4.13
4619.0	16.19	4.05	24.79	0.60	3.96	4.65	55.49	0.74	3.54	4.22
4619.5	16.46	4.04	24.90	0.50	4.05	4.74	56.67	0.73	3.63	4.31
4620.0	16.72	4.47	25.04	0.42	3.98	4.81	57.48	0.64	3.71	4.41
4620.5	16.99	4.80	25.15	0.37	3.70	4.89	57.72	0.53	3.68	4.58
4621.0	16.79	4.44	24.84	0.32	3.58	4.93	57.86	0.44	3.47	4.70
4621.5	16.39	4.10	23.61	0.34	3.86	4.98	57.83	0.38	3.69	4.81
4622.0	16.03	4.40	23.57	0.39	3.97	5.02	57.77	0.33	3.87	4.90
4622.5	16.03	4.53	23.63	0.41	3.97	5.08	57.67	0.28	3.85	4.95
4623.0	16.05	4.26	23.70	0.47	3.96	5.19	57.50	0.27	3.80	4.99
4623.5	16.10	3.94	23.81	0.58	3.95	5.30	57.19	0.42	3.89	5.05
4624.0	16.13	3.69	23.94	0.70	3.94	5.45	57.17	0.46	4.02	5.18
4624.5	16.17	3.60	24.10	0.69	3.92	5.67	57.24	0.59	3.95	5.40
4625.0	16.23	3.53	24.34	0.68	3.89	6.06	57.31	0.68	3.87	5.60
4625.5	16.41	3.56	24.62	0.70	3.85	6.59	57.40	0.74	3.80	5.76
4626.0	16.57	3.60	24.94	0.78	3.83	6.71	57.47	0.79	3.73	6.07
4626.5	16.70	3.71	25.17	0.80	3.82	6.63	57.48	0.77	3.69	6.21
4627.0	16.66	3.84	25.16	0.77	3.82	6.34	57.48	0.69	3.66	6.33
4627.5	16.51	3.94	25.11	0.78	3.84	5.16	57.44	0.61	3.66	5.77
4628.0	16.09	3.93	24.80	0.83	3.85	3.65	57.41	0.64	3.66	4.82
4628.5	15.65	3.82	24.12	0.81	3.84	2.88	57.13	0.69	3.68	3.87
4629.0	15.65	3.67	23.54	0.77	3.84	2.65	56.62	0.76	3.70	3.10
4629.5	15.55	3.50	23.47	0.72	3.84	2.53	55.78	0.81	3.72	2.68
4630.0	15.91	3.32	23.76	0.73	3.95	2.41	55.89	0.79	3.77	2.46
4630.5	16.26	3.08	24.23	0.77	4.05	2.30	56.31	0.77	3.83	2.40
4631.0	16.83	2.88	24.52	0.78	4.17	2.30	56.71	0.82	3.90	2.36
4631.5	17.20	2.74	24.80	0.76	4.30	2.86	57.12	0.87	4.06	2.35
4632.0	17.29	2.67	25.01	0.74	4.61	3.64	57.42	0.86	4.34	2.91
4632.5	17.39	2.86	25.16	0.71	4.99	4.76	57.62	0.82	4.62	3.61
4633.0	17.37	3.13	25.08	0.76	5.59	5.91	57.69	0.78	4.94	4.41
4633.5	17.32	4.38	24.79	0.88	6.35	6.17	57.74	0.74	5.26	5.84
4634.0	17.27	8.82	24.46	0.93	7.08	6.30	57.79	0.69	6.19	6.39
4634.5	17.20	11.96	24.19	0.87	8.07	6.13	57.72	0.70	6.68	6.35
4635.0	17.16	17.00	24.28	0.83	11.40	5.90	57.59	0.74	8.21	6.24
4635.5	17.19	15.76	24.51	0.81	18.71	5.66	57.68	0.81	12.10	6.08
4636.0	17.42	13.65	24.83	0.80	25.36	5.46	57.83	0.79	18.90	5.84
4636.5	17.62	3.67	25.20	0.79	13.99	5.26	57.98	0.74	26.44	5.61
4637.0	17.78	2.11	25.40	0.69	8.33	5.23	58.09	0.67	15.32	5.41
4637.5	17.86	1.70	25.45	0.50	6.11	5.22	58.15	0.58	7.87	5.29
4638.0	17.87	1.71	25.34	0.31	5.43	5.22	58.17	0.51	6.35	5.24
4638.5	17.82	1.75	25.10	0.24	4.89	5.22	58.13	0.47	5.51	5.21
4639.0	17.69	1.82	24.86	0.18	4.44	5.26	57.95	0.37	4.95	5.22
4639.5	17.50	1.93	24.69	0.15	4.15	5.35	57.73	0.21	4.59	5.24
4640.0	17.30	2.57	24.49	0.15	3.98	5.54	57.50	0.17	4.36	5.26
4640.5	17.24	3.81	24.40	0.17	3.87	5.67	57.32	0.15	4.14	5.29
4641.0	17.25	5.22	24.30	0.21	3.79	5.83	57.16	0.14	3.98	5.35
4641.5	17.21	6.07	24.03	0.23	3.72	6.08	56.94	0.12	3.86	5.42
4642.0	17.04	5.97	23.80	0.22	3.68	6.25	56.83	0.14	3.81	5.48
4642.5	16.82	5.65	23.71	0.21	3.68	6.49	56.78	0.15	3.78	5.64
4643.0	16.61	5.30	23.64	0.21	3.69	6.63	56.74	0.15	3.72	5.85
4643.5	16.40	4.91	23.62	0.22	3.70	6.65	56.71	0.14	3.71	6.02
4644.0	16.26	4.44	23.61	0.23	3.72	6.51	56.69	0.13	3.69	6.23

4644.5	16.21	4.02	23.62	0.35	3.73	6.37	56.66	0.11	3.68	6.46
4645.0	16.26	3.68	23.63	0.53	3.73	6.21	56.64	0.09	3.69	6.64
4645.5	16.31	3.27	23.63	0.70	3.73	6.02	56.61	0.15	3.70	6.49
4646.0	16.36	3.11	23.62	0.68	3.73	5.83	56.62	0.35	3.72	6.28
4646.5	16.13	3.40	23.59	0.59	3.77	5.68	56.66	0.44	3.73	6.00
4647.0	15.89	3.44	23.51	0.60	3.81	5.59	56.70	0.57	3.74	5.75
4647.5	15.86	3.36	23.43	0.69	3.86	5.52	56.73	0.54	3.75	5.59
4648.0	15.94	3.19	23.35	0.66	3.92	5.46	56.73	0.53	3.79	5.44
4648.5	16.13	2.82	23.34	0.61	3.99	5.89	56.73	0.62	3.86	5.26
4649.0	16.30	2.45	23.45	0.61	4.24	6.97	56.73	0.72	3.93	5.34
4649.5	16.46	2.45	23.74	0.78	4.35	9.09	56.74	0.73	4.03	6.02
4650.0	17.07	2.55	24.44	0.83	4.64	8.85	56.83	0.71	4.22	6.96
4650.5	17.23	2.66	24.47	0.78	4.98	7.46	57.16	0.75	4.49	8.22
4651.0	17.10	3.33	24.07	0.77	5.63	5.68	57.32	0.80	4.84	9.14
4651.5	16.97	5.59	24.05	0.83	6.73	5.09	57.27	0.84	5.18	7.84
4652.0	16.88	8.12	24.11	0.91	7.53	4.61	56.95	0.88	5.75	5.44
4652.5	16.81	8.12	24.16	0.97	8.77	4.80	56.70	0.96	6.38	4.93
4653.0	16.77	7.21	24.15	0.86	12.72	5.05	56.60	0.75	7.05	4.66
4653.5	16.76	6.77	24.09	0.66	22.85	5.33	56.50	0.99	8.14	4.87
4654.0	16.70	7.08	23.75	0.82	24.28	5.63	56.49	0.92	18.34	5.07
4654.5	16.67	7.56	23.44	0.82	27.35	5.92	56.49	0.83	23.53	5.34
4655.0	16.76	7.75	23.57	0.79	27.68	6.13	56.48	0.76	26.35	5.68
4655.5	16.86	7.96	23.64	0.69	27.93	6.22	56.47	0.76	27.22	6.06
4656.0	16.94	8.31	23.64	0.70	28.98	6.16	56.46	0.82	27.53	6.20
4656.5	16.99	8.82	23.63	0.76	29.49	6.05	56.44	0.91	28.74	6.29
4657.0	16.97	10.01	23.58	0.72	29.45	5.94	56.43	0.78	29.61	6.33
4657.5	16.95	11.95	23.38	0.66	29.45	5.74	56.43	0.66	29.69	6.27
4658.0	16.38	16.82	23.00	0.71	29.18	5.50	56.38	0.68	29.42	6.08
4658.5	15.32	24.39	22.27	0.79	26.61	5.28	56.31	0.72	28.56	5.89
4659.0	15.21	28.18	21.74	1.02	23.89	5.15	56.25	0.81	23.34	5.70
4659.5	15.11	26.72	21.88	0.90	16.86	5.06	56.20	0.84	19.79	5.49
4660.0	14.61	14.16	21.75	0.84	9.77	4.99	55.64	0.74	12.98	5.26
4660.5	13.83	10.37	21.11	0.87	6.62	4.92	55.20	0.85	6.72	5.12
4661.0	13.72	4.92	20.88	0.89	6.00	4.88	54.73	0.82	6.32	5.06
4661.5	13.67	5.11	20.80	0.80	5.53	4.84	54.35	0.79	5.99	5.05
4662.0	13.80	5.71	20.77	0.91	4.68	4.80	54.03	0.79	4.86	5.00
4662.5	14.18	6.10	21.10	1.04	3.98	4.74	53.86	0.85	4.20	4.96
4663.0	14.59	6.20	21.99	0.95	3.80	4.66	53.83	0.96	3.89	4.91
4663.5	14.97	6.13	22.06	0.89	3.77	4.61	54.54	1.02	3.66	4.88
4664.0	14.95	6.02	22.10	0.93	3.73	4.59	54.99	0.86	3.48	4.86
4664.5	14.88	5.97	21.79	0.99	3.69	4.58	55.34	0.84	3.39	4.83
4665.0	14.78	6.12	21.62	0.92	3.67	4.55	55.22	0.81	3.34	4.81
4665.5	15.05	6.28	21.64	0.83	3.66	4.50	55.07	0.85	3.38	4.76
4666.0	15.86	6.01	22.07	0.77	3.62	4.49	54.97	0.89	3.41	4.70
4666.5	16.95	5.38	23.27	0.48	3.58	4.51	55.00	0.93	3.41	4.63
4667.0	17.19	4.40	24.06	0.87	3.56	4.57	55.24	0.97	3.39	4.56
4667.5	16.96	3.94	23.82	0.78	3.57	4.65	55.89	0.93	3.38	4.51
4668.0	15.57	3.88	22.33	0.48	3.58	4.61	56.56	0.89	3.39	4.46
4668.5	13.65	3.97	20.54	0.95	3.63	4.56	56.59	0.83	3.40	4.42
4669.0	13.15	4.21	19.98	1.11	3.68	4.55	56.46	0.89	3.40	4.40
4669.5	12.95	4.53	19.82	1.14	3.72	4.50	54.54	1.07	3.42	4.38
4670.0	13.08	4.73	19.91	1.03	3.76	4.45	53.41	1.07	3.44	4.34
4670.5	13.23	4.70	20.07	0.91	3.79	4.36	53.34	0.97	3.48	4.30
4671.0	13.49	4.32	20.55	0.90	3.83	4.25	53.48	0.94	3.51	4.26
4671.5	15.05	3.95	21.79	0.95	3.86	4.15	53.63	1.04	3.53	4.22
4672.0	15.69	3.55	22.57	1.00	3.88	4.08	53.87	0.89	3.54	4.18

4672.5	15.79	3.39	22.68	0.96	3.85	4.04	54.17	0.92	3.56	4.14
4673.0	15.69	3.43	22.68	0.95	3.81	3.99	55.49	1.01	3.57	4.10
4673.5	15.81	3.49	22.75	1.04	3.73	3.95	56.14	1.10	3.53	4.07
4674.0	16.26	3.56	23.12	1.05	3.64	3.97	56.32	1.10	3.48	4.03
4674.5	16.53	3.63	23.61	0.94	3.54	3.99	56.45	1.03	3.42	4.00
4675.0	16.61	3.67	23.82	1.07	3.44	3.99	56.48	0.93	3.34	4.02
4675.5	16.69	3.71	23.71	1.03	3.35	3.99	56.43	0.84	3.26	4.05
4676.0	16.69	3.75	23.50	0.95	3.31	3.99	56.33	0.81	3.25	4.09
4676.5	16.69	3.78	23.33	0.84	3.31	3.98	56.27	1.06	3.24	4.08
4677.0	16.68	3.82	23.23	0.83	3.30	3.99	56.23	1.04	3.23	4.06
4677.5	16.63	3.83	23.18	0.90	3.30	4.03	56.29	0.96	3.19	4.05
4678.0	16.57	3.77	23.17	1.00	3.30	4.06	56.36	0.91	3.14	4.03
4678.5	16.53	3.70	23.15	0.74	3.30	4.10	56.42	0.95	3.09	4.01
4679.0	16.51	3.62	23.13	0.75	3.30	4.13	56.49	1.00	3.04	4.01
4679.5	16.50	3.53	23.13	0.80	3.31	4.16	56.52	0.92	2.98	4.04
4680.0	16.49	3.44	23.13	0.85	3.31	4.19	56.52	0.92	2.98	4.05
4680.5	16.50	3.38	23.11	0.91	3.32	4.22	56.52	0.89	2.99	4.06
4681.0	16.51	3.33	23.07	0.91	3.33	4.24	56.53	0.83	3.00	4.07
4681.5	16.53	3.28	23.05	0.87	3.37	4.27	56.53	0.71	3.01	4.09
4682.0	16.55	3.25	23.04	0.80	3.41	4.29	56.48	0.95	3.02	4.12
4682.5	16.58	3.23	23.04	0.72	3.46	4.31	56.43	1.00	3.03	4.16
4683.0	16.60	3.21	23.05	0.68	3.49	4.34	56.38	0.83	3.04	4.25
4683.5	16.62	3.20	23.01	0.65	3.49	4.40	56.30	0.78	3.06	4.34
4684.0	16.63	3.21	22.93	0.69	3.49	4.46	56.23	0.69	3.07	4.42
4684.5	16.64	3.21	22.86	0.70	3.50	4.52	56.15	0.71	3.08	4.49
4685.0	16.63	3.22	22.81	0.68	3.50	4.59	56.09	0.76	3.10	4.56
4685.5	16.62	3.24	22.77	0.66	3.50	4.67	56.03	0.80	3.12	4.62
4686.0	16.60	3.26	22.74	0.61	3.50	4.74	55.96	0.77	3.13	4.69
4686.5	16.58	3.27	22.71	0.52	3.50	4.82	55.91	0.71	3.13	4.76
4687.0	16.52	3.24	22.65	0.41	3.49	4.92	55.85	0.62	3.13	4.83
4687.5	16.44	3.22	22.55	0.34	3.48	5.01	55.79	0.54	3.13	4.91
4688.0	16.24	3.20	22.37	0.36	3.48	5.14	55.62	0.45	3.15	4.99
4688.5	16.08	3.18	22.17	0.43	3.48	5.26	55.45	0.44	3.19	5.03
4689.0	16.05	3.20	21.84	0.36	3.52	5.37	55.38	0.44	3.23	5.06
4689.5	16.03	3.24	21.74	0.29	3.55	5.48	55.45	0.41	3.27	5.08
4690.0	16.02	3.26	21.69	0.29	3.57	5.58	55.59	0.23	3.33	5.15
4690.5	16.01	3.27	21.65	0.36	3.59	5.69	55.69	0.22	3.38	5.23
4691.0	16.01	3.27	21.65	0.37	3.63	5.84	55.75	0.24	3.44	5.32
4691.5	15.97	3.26	21.64	0.30	3.67	5.99	55.94	0.26	3.50	5.43
4692.0	15.94	3.26	21.63	0.22	3.73	6.19	56.52	0.33	3.56	5.57
4692.5	15.91	3.29	21.64	0.16	3.80	6.41	57.33	0.30	3.63	5.73
4693.0	15.89	3.38	21.67	0.15	3.86	6.68	58.24	0.23	3.70	5.89
4693.5	15.87	3.48	21.74	0.16	3.93	6.84	59.33	0.19	3.78	6.07
4694.0	15.85	3.61	21.84	0.18	4.01	6.97	59.84	0.16	3.83	6.26
4694.5	15.89	3.69	22.01	0.29	4.08	7.06	60.21	0.14	3.88	6.49
4695.0	16.43	3.65	22.57	0.35	4.17	7.44	60.67	0.13	4.01	6.70
4695.5	17.46	3.42	23.85	0.38	4.27	7.90	61.57	0.17	4.13	6.87
4696.0	17.94	3.07	24.27	0.41	4.36	8.37	62.44	0.25	4.25	6.91
4696.5	18.25	3.03	24.40	0.44	4.55	8.09	63.01	0.34	4.40	6.91
4697.0	18.34	3.15	24.36	0.48	4.75	7.46	63.96	0.47	4.56	7.32
4697.5	18.24	3.47	23.03	0.71	4.88	6.44	65.51	0.63	4.65	7.94
4698.0	15.84	3.82	21.90	0.80	5.05	5.36	67.01	0.71	4.77	8.30
4698.5	15.39	4.18	21.09	0.68	5.50	4.89	68.27	0.77	4.91	7.93
4699.0	15.18	4.39	20.85	0.55	6.12	4.98	69.13	0.81	5.16	7.57
4699.5	15.50	4.48	21.13	0.61	6.80	5.01	68.80	0.81	5.58	7.14
4700.0	16.73	4.58	22.76	0.75	7.44	3.75	68.60	0.77	6.33	5.77

4700.5	17.39	4.37	23.38	0.71	8.48	2.22	68.50	0.74	6.64	5.01
4701.0	17.84	3.79	23.26	0.65	9.86	1.87	68.53	0.70	6.89	4.99
4701.5	18.11	3.25	23.00	0.80	11.43	2.21	69.85	0.78	7.63	5.03
4702.0	18.03	3.99	22.68	0.95	10.39	2.64	71.32	0.95	10.03	2.17
4702.5	17.49	6.01	22.52	0.86	8.95	3.27	73.32	0.93	11.12	1.80
4703.0	16.89	7.21	22.26	0.98	10.58	4.33	74.19	0.78	10.28	1.97
4703.5	16.88	6.28	22.11	1.00	12.80	5.15	74.64	0.56	8.71	2.31
4704.0	17.05	5.24	23.53	0.96	14.88	5.25	75.30	0.75	9.22	3.08
4704.5	19.05	4.19	24.97	0.83	14.30	5.37	76.47	0.91	11.40	4.97
4705.0	20.44	12.32	25.45	0.73	15.63	5.50	77.62	0.78	14.38	5.15
4705.5	20.63	15.90	25.50	0.66	30.20	5.68	78.47	0.73	14.24	5.23
4706.0	20.45	18.57	25.29	0.63	46.58	5.76	80.57	0.66	14.11	5.29
4706.5	19.45	15.21	24.44	0.68	62.79	5.78	83.90	0.54	15.20	5.39
4707.0	18.72	13.31	23.04	0.78	67.78	5.51	85.09	0.90	32.13	5.67
4707.5	18.31	11.49	22.93	0.84	58.22	5.12	85.35	0.92	68.34	5.97
4708.0	18.22	12.20	23.00	0.87	48.79	4.97	85.49	0.83	62.97	5.86
4708.5	18.21	13.36	23.19	0.86	39.36	4.84	85.67	0.83	52.21	5.67
4709.0	18.29	18.92	23.26	0.82	11.55	4.71	85.94	0.87	51.35	5.47
4709.5	18.31	9.72	23.23	0.73	6.10	4.60	86.28	0.94	8.77	5.27
4710.0	18.32	4.24	23.00	0.68	5.37	4.51	89.73	0.92	7.40	5.06
4710.5	17.87	1.52	22.65	0.84	4.81	4.46	90.43	0.81	6.92	4.83
4711.0	17.36	1.77	22.25	0.81	4.40	4.41	91.00	0.72	5.44	4.59
4711.5	16.93	2.81	21.88	0.76	4.10	4.35	91.35	0.64	4.80	4.39
4712.0	16.48	5.01	21.44	0.75	3.82	4.28	92.21	0.78	4.29	4.29
4712.5	16.68	5.31	22.11	0.85	3.70	4.23	91.87	0.84	3.80	4.25
4713.0	17.36	5.40	22.69	0.82	3.64	4.18	91.85	0.88	3.65	4.22
4713.5	17.39	5.44	22.75	0.79	3.61	4.13	94.11	0.91	3.51	4.19
4714.0	17.38	5.54	22.80	0.76	3.60	4.15	94.63	0.96	3.36	4.15
4714.5	17.60	5.64	23.07	0.73	3.58	4.18	94.96	1.07	3.27	4.12
4715.0	18.09	5.87	23.52	0.83	3.57	4.21	95.19	0.99	3.27	4.08
4715.5	18.23	5.62	23.73	0.91	3.55	4.24	95.36	0.83	3.27	4.06
4716.0	18.18	4.87	23.58	0.88	3.52	4.29	95.46	0.85	3.25	4.04
4716.5	17.25	4.33	23.05	0.85	3.49	4.34	95.39	0.89	3.18	4.05
4717.0	16.20	4.06	22.19	0.83	3.46	4.36	95.33	0.93	3.10	4.06
4717.5	15.18	4.02	20.85	0.81	3.43	4.35	95.24	0.94	3.04	4.08
4718.0	15.04	4.00	20.45	0.83	3.40	4.33	95.15	0.93	3.05	4.09
4718.5	15.21	3.98	20.58	0.89	3.40	4.31	95.07	0.85	3.06	4.11
4719.0	15.53	3.95	20.91	1.01	3.41	4.31	94.99	0.81	3.13	4.12
4719.5	15.94	3.89	21.14	1.13	3.43	4.31	94.91	0.79	3.21	4.12
4720.0	16.22	3.78	21.43	1.14	3.46	4.32	94.96	0.90	3.30	4.11
4720.5	16.39	3.65	21.81	1.08	3.53	4.29	95.24	0.88	3.38	4.10
4721.0	16.44	3.52	21.97	1.03	3.54	4.27	95.59	0.81	3.46	4.09
4721.5	16.57	3.35	22.01	0.97	3.44	4.25	95.74	0.74	3.47	4.08
4722.0	16.85	3.18	22.12	0.86	3.34	4.21	95.49	0.79	3.46	4.09
4722.5	17.19	3.06	22.41	0.76	3.38	4.17	95.06	0.83	3.43	4.10
4723.0	16.83	2.99	22.56	0.75	3.41	4.13	94.50	0.75	3.40	4.10
4723.5	16.34	3.02	21.80	0.81	3.59	4.08	93.86	0.67	3.40	4.07
4724.0	16.20	3.18	21.20	0.88	3.74	4.02	93.37	0.64	3.39	4.08
4724.5	16.37	3.35	21.16	0.83	3.71	4.00	92.74	0.64	3.39	4.10
4725.0	16.62	3.44	21.53	0.72	3.69	3.99	91.34	0.65	3.37	4.10
4725.5	16.78	3.49	21.83	0.64	3.65	4.00	92.30	0.68	3.35	4.07
4726.0	16.95	3.51	22.06	0.62	3.62	4.02	92.60	0.75	3.33	4.07
4726.5	17.47	3.49	22.27	0.62	3.58	4.04	92.29	0.75	3.35	4.10
4727.0	17.67	3.47	22.55	0.61	3.58	4.11	91.80	0.67	3.37	4.10
4727.5	17.05	3.47	22.47	0.60	3.59	4.20	91.17	0.64	3.40	4.10
4728.0	16.08	3.47	22.17	0.58	3.61	4.29	90.45	0.71	3.42	4.10

4728.5	15.68	3.53	20.65	0.55	3.57	4.43	90.43	0.67	3.43	4.10
4729.0	15.57	3.60	20.13	0.51	3.54	4.47	93.23	0.62	3.43	4.11
4729.5	15.46	3.74	20.08	0.49	3.61	4.50	93.82	0.58	3.44	4.07
4730.0	15.36	3.86	20.05	0.59	3.67	4.51	93.65	0.52	3.46	4.06
4730.5	15.22	3.91	20.03	0.74	3.71	4.52	93.36	0.49	3.49	4.09
4731.0	15.02	3.90	20.01	0.71	3.80	4.56	93.08	0.49	3.56	4.13
4731.5	14.74	3.86	19.92	0.69	3.91	4.62	92.55	0.50	3.67	4.26
4732.0	15.15	3.78	20.48	0.86	3.98	4.77	91.71	0.54	3.82	4.38
4732.5	16.75	3.70	21.48	0.80	3.93	4.94	90.49	0.60	3.96	4.53
4733.0	17.97	3.62	22.53	0.73	3.85	4.81	89.23	0.58	3.89	4.66
4733.5	18.19	3.56	23.02	0.85	3.68	4.61	87.88	0.55	3.73	4.77
4734.0	18.12	3.50	22.79	0.95	3.56	4.33	85.98	0.58	3.58	4.83
4734.5	17.71	3.45	22.36	0.95	3.45	4.12	81.54	0.85	3.47	4.79
4735.0	17.30	3.41	21.74	0.90	3.50	3.99	80.75	0.91	3.40	4.65
4735.5	16.98	3.37	21.31	0.80	3.56	4.00	80.70	0.90	3.38	4.46
4736.0	16.85	3.34	21.27	0.78	3.63	4.02	60.80	0.84	3.39	4.27
4736.5	16.69	3.32	20.98	0.88	3.73	4.07	58.10	0.78	3.62	4.08
4737.0	16.44	3.29	20.69	0.92	3.83	4.13	56.20	0.85	3.85	3.94
4737.5	16.23	3.23	20.66	0.90	3.93	4.20	54.93	0.94	3.89	3.97
4738.0	16.23	3.17	20.79	0.92	4.05	4.30	54.37	0.91	3.93	4.03
4738.5	16.41	3.08	20.92	0.97	4.19	4.39	54.23	0.87	3.97	4.08
4739.0	16.66	3.03	20.62	1.00	4.34	4.51	54.12	0.90	4.01	4.23
4739.5	16.78	3.06	20.21	0.99	4.53	4.64	54.05	0.96	4.22	4.49
4740.0	16.61	3.45	19.80	0.95	4.71	4.81	54.05	1.02	4.43	4.67
4740.5	16.25	4.98	19.55	0.91	4.95	4.87	54.05	0.95	4.60	4.83
4741.0	15.93	5.96	19.45	0.85	5.26	4.84	54.04	1.06	4.79	4.97
4741.5	15.69	6.66	19.47	0.76	5.60	4.77	53.85	0.93	5.04	4.96
4742.0	15.48	7.07	19.42	0.66	5.97	4.70	53.67	0.85	5.42	4.91
4742.5	15.37	6.75	18.96	0.75	6.15	4.59	53.46	0.78	5.81	4.86
4743.0	15.18	6.16	18.07	1.01	6.22	4.48	53.23	1.02	6.09	4.83
4743.5	14.50	5.24	17.75	1.21	5.98	4.37	52.91	0.85	6.21	4.81
4744.0	14.03	4.72	17.69	1.07	5.69	4.23	52.32	0.85	6.32	4.77
4744.5	13.84	4.69	18.50	0.91	5.24	4.09	52.26	0.92	6.40	4.72
4745.0	14.08	4.64	19.39	0.73	4.87	3.98	52.05	1.06	6.22	4.65
4745.5	15.27	4.54	20.44	0.91	4.57	3.90	50.94	1.10	5.85	4.58
4746.0	16.62	4.05	21.47	0.96	4.32	3.84	50.92	1.03	5.38	4.52
4746.5	17.48	3.78	22.11	0.98	4.09	3.89	51.33	0.91	4.81	4.47
4747.0	17.56	3.66	21.84	0.94	3.87	4.00	52.16	0.75	4.21	4.41
4747.5	16.66	3.84	21.15	0.90	3.72	4.05	53.53	1.01	3.96	4.34
4748.0	15.74	4.18	19.77	0.84	3.57	4.09	54.68	1.08	3.73	4.28
4748.5	14.76	4.57	18.27	0.79	3.56	4.12	55.19	1.02	3.53	4.24
4749.0	13.49	4.64	17.77	0.72	3.57	4.14	55.11	0.96	3.39	4.21
4749.5	13.09	4.66	17.53	0.73	3.59	4.17	54.73	0.84	3.32	4.20
4750.0	12.81	4.74	17.41	0.75	3.61	4.21	53.93	0.79	3.32	4.22
4750.5	12.74	4.84	17.39	0.76	3.62	4.25	52.54	0.75	3.32	4.25
4751.0	12.95	4.74	17.44	0.75	3.63	4.30	51.47	0.73	3.33	4.29
4751.5	13.33	4.56	17.61	0.71	3.64	4.37	50.39	0.74	3.35	4.34
4752.0	13.58	4.33	18.07	0.69	3.62	4.45	50.13	0.75	3.36	4.39
4752.5	13.87	4.08	18.86	0.67	3.59	4.52	50.13	0.72	3.37	4.46
4753.0	14.29	3.69	19.30	0.65	3.57	4.57	50.42	0.70	3.37	4.56
4753.5	14.67	3.44	19.66	0.65	3.56	4.61	50.84	0.77	3.39	4.59
4754.0	15.02	3.27	19.97	0.65	3.55	4.66	51.29	0.77	3.42	4.62
4754.5	15.28	3.17	20.39	0.65	3.53	4.69	51.83	0.74	3.45	4.64
4755.0	16.10	3.13	20.95	0.63	3.48	4.76	52.40	0.71	3.49	4.67
4755.5	16.36	3.17	20.97	0.61	3.42	4.86	53.01	0.69	3.54	4.71
4756.0	16.41	3.19	20.87	0.60	3.34	4.95	53.40	0.66	3.57	4.77

4756.5	16.39	3.14	20.82	0.59	3.27	5.06	53.64	0.63	3.55	4.85
4757.0	16.37	3.09	20.81	0.58	3.27	5.19	53.75	0.60	3.53	4.93
4757.5	16.35	3.07	20.85	0.57	3.28	5.28	53.75	0.59	3.52	5.01
4758.0	16.32	3.07	20.86	0.56	3.33	5.32	53.77	0.57	3.51	5.07
4758.5	16.30	3.13	20.83	0.55	3.46	5.36	53.79	0.57	3.56	5.13
4759.0	16.13	3.12	20.58	0.54	3.53	5.40	53.71	0.57	3.65	5.19
4759.5	15.07	3.11	19.92	0.53	3.49	5.44	53.37	0.59	3.69	5.29
4760.0	14.20	3.47	18.67	0.52	3.36	5.54	53.41	0.63	3.72	5.37
4760.5	13.51	3.56	17.39	0.50	3.17	5.73	53.31	0.61	3.66	5.44
4761.0	12.46	3.13	16.73	0.46	3.16	5.93	52.87	0.59	3.44	5.51
4761.5	11.90	2.64	16.20	0.39	3.73	6.11	51.33	0.54	3.19	5.61
4762.0	11.41	2.59	15.82	0.30	4.25	6.38	50.37	0.45	3.27	5.71
4762.5	11.21	2.72	15.70	0.24	4.52	6.68	49.49	0.40	4.03	5.86
4763.0	11.11	2.89	15.63	0.22	4.68	7.10	48.72	0.38	4.31	6.04
4763.5	11.24	3.08	15.65	0.21	4.92	7.54	48.33	0.26	4.49	6.29
4764.0	11.71	3.29	15.83	0.20	5.17	8.00	48.08	0.22	4.68	6.57
4764.5	12.09	3.72	16.45	0.19	5.44	8.46	47.97	0.20	4.93	6.92
4765.0	12.11	4.43	16.52	0.18	5.78	8.92	47.97	0.18	5.19	7.37
4765.5	11.91	4.83	16.50	0.17	6.05	9.39	48.05	0.17	5.33	8.16
4766.0	11.67	4.90	16.42	0.17	6.23	10.06	48.15	0.15	5.48	8.76
4766.5	11.41	4.92	15.82	0.17	6.53	10.50	48.43	0.14	5.95	9.27
4767.0	11.11	4.69	15.37	0.16	7.14	10.85	48.63	0.14	6.58	9.58
4767.5	10.86	4.42	15.19	0.16	7.95	11.06	48.71	0.14	7.04	9.93
4768.0	10.83	4.41	15.10	0.16	8.74	11.26	48.35	0.14	7.47	10.42
4768.5	11.05	4.59	15.19	0.16	8.95	11.16	47.88	0.14	8.21	11.07
4769.0	11.27	4.90	15.30	0.16	8.90	11.07	47.32	0.14	8.66	11.14
4769.5	12.08	4.89	15.58	0.17	8.84	10.96	47.36	0.14	8.75	11.08
4770.0	12.98	4.79	16.88	0.19	8.73	10.72	47.68	0.15	8.72	11.01
4770.5	13.33	4.65	17.27	0.25	8.62	10.41	48.04	0.15	8.61	10.87
4771.0	13.52	4.66	17.59	0.32	8.52	10.14	48.41	0.15	8.51	10.69
4771.5	13.49	5.61	17.95	0.40	8.40	9.98	48.97	0.16	8.53	10.45
4772.0	13.18	6.17	17.73	0.47	7.90	9.82	49.71	0.19	8.48	10.16
4772.5	12.86	6.76	17.37	0.46	7.48	9.68	51.72	0.36	7.90	9.87
4773.0	12.91	6.80	17.15	0.44	7.19	9.80	55.87	0.38	7.04	9.60
4773.5	13.16	6.64	16.99	0.44	6.99	11.18	62.07	0.38	6.84	9.72
4774.0	13.87	6.31	17.19	0.62	6.89	12.55	66.90	0.38	6.79	10.56
4774.5	14.30	6.06	17.44	0.78	7.44	13.55	68.66	0.56	7.22	11.45
4775.0	14.62	6.69	17.79	0.77	8.77	13.83	74.05	0.58	7.83	12.34
4775.5	14.39	7.75	18.92	0.73	9.28	13.90	74.05	0.62	8.43	13.15
4776.0	14.01	10.24	18.89	0.64	9.54	13.68	73.57	0.62	9.39	13.76
4776.5	13.25	12.47	18.13	0.59	9.84	13.33	73.06	0.57	10.27	13.88
4777.0	12.86	14.15	17.68	0.73	12.87	11.85	75.46	0.55	11.82	13.91
4777.5	12.67	14.06	17.26	0.63	15.16	10.35	78.89	0.67	14.79	13.41
4778.0	12.59	13.89	17.08	0.54	17.97	9.63	79.63	0.74	17.19	12.55
4778.5	12.52	13.76	17.01	0.52	22.92	9.42	79.44	0.69	18.66	11.74
4779.0	12.45	13.46	16.94	0.66	25.90	9.21	79.03	0.63	22.05	10.99
4779.5	12.31	13.23	16.86	0.62	26.99	8.99	78.63	0.48	24.75	9.65
4780.0	12.08	13.13	16.74	0.54	27.85	8.80	81.12	0.48	25.85	9.24
4780.5	11.85	13.44	16.63	0.39	28.95	8.74	82.55	0.41	27.31	9.05
4781.0	11.62	14.31	16.50	0.43	29.44	8.74	78.51	0.46	28.12	8.89
4781.5	11.38	18.14	16.32	0.46	29.78	8.74	79.15	0.50	28.44	8.73
4782.0	11.14	19.27	16.12	0.41	30.45	8.69	80.82	0.41	28.90	8.64
4782.5	11.02	20.13	15.86	0.35	31.09	8.62	81.76	0.36	29.78	8.64
4783.0	10.94	21.34	15.52	0.32	31.57	8.51	82.80	0.34	31.00	8.61
4783.5	10.87	27.32	15.35	0.50	31.24	8.38	82.81	0.32	31.40	8.57
4784.0	10.76	30.87	15.27	0.54	30.56	8.26	82.31	0.25	31.34	8.52

4784.5	10.61	33.36	15.20	0.57	29.73	8.16	84.72	0.17	30.88	8.49
4785.0	10.25	32.94	14.97	0.64	28.44	8.15	85.11	0.41	29.57	8.45
4785.5	9.53	20.41	14.58	0.00	26.00	8.14	84.96	0.00	28.24	8.33
4786.0	7.47	16.07	13.82	0.00	14.70	8.04	83.19	0.00	20.51	8.03
4786.5	6.54	16.01	13.03	0.00	13.53	7.89	80.56	0.00	14.00	7.77
4787.0	4.83	15.73	11.77	0.00	12.25	7.75	67.13	0.00	13.76	7.65
4787.5	6.52	14.50	10.31	0.00	9.59	7.53	60.45	0.00	13.28	7.58
4788.0	7.37	11.72	9.67	0.00	7.55	7.13	46.61	0.00	9.77	7.52
4788.5	7.85	11.26	11.65	0.00	6.59	6.16	44.62	0.00	8.09	7.44
4789.0	8.98	11.35	12.18	0.00	6.14	5.40	43.73	0.00	6.96	7.27
4789.5	10.07	11.16	13.02	0.00	5.81	4.76	41.63	0.00	6.46	6.95
4790.0	10.75	10.57	14.09	0.00	5.54	4.52	43.38	0.00	5.85	6.40
4790.5	11.44	9.77	16.23	0.00	5.30	0.00	0.00	0.00	5.50	4.67
4791.0	12.21	9.18	17.63	0.00	5.18	0.00	0.00	0.00	5.22	3.06
4791.5	12.98	8.26	18.30	0.00	5.10	0.00	0.00	0.00	5.02	0.53
4792.0	13.39	6.67	18.55	0.00	5.08	0.00	0.00	0.00	4.84	0.00
4792.5	13.43	6.08	18.50	0.00	5.06	0.00	0.00	0.00	4.70	0.00
4793.0	13.45	5.90	18.32	0.00	5.09	0.00	0.00	0.00	4.65	0.00
4793.5	13.46	5.73	18.16	0.00	5.32	0.00	0.00	0.00	4.82	0.00
4794.0	13.47	5.95	18.11	0.00	6.18	0.00	0.00	0.00	5.18	0.00
4794.5	13.47	7.33	18.07	0.00	7.06	0.00	0.00	0.00	6.07	0.00
4795.0	13.48	9.04	18.05	0.00	7.61	0.00	0.00	0.00	6.93	0.00
4795.5	13.49	10.68	18.04	0.00	8.08	0.00	0.00	0.00	7.44	0.00
4796.0	13.50	11.86	18.05	0.00	8.70	0.00	0.00	0.00	8.03	0.00
4796.5	13.51	11.91	18.06	0.00	9.54	0.00	0.00	0.00	8.64	0.00
4797.0	13.52	11.35	18.07	0.00	8.70	0.00	0.00	0.00	9.18	0.00
4797.5	13.52	10.19	18.08	0.00	7.14	0.00	0.00	0.00	8.89	0.00
4798.0	13.53	7.51	18.09	0.00	5.84	0.00	0.00	0.00	6.95	0.00
4798.5	13.52	3.95	18.10	0.00	4.92	0.00	0.00	0.00	6.00	0.00
4799.0	13.49	4.06	18.11	0.00	4.82	0.00	0.00	0.00	5.60	0.00
4799.5	13.51	4.23	18.11	0.00	4.76	0.00	0.00	0.00	5.05	0.00
4800.0	13.52	4.34	18.12	0.00	4.72	0.00	0.00	0.00	0.13	0.00